

SUMMER INTERNSHIP PROGRAM
at
ALCHEMVER



From 12/05/2025 to 18/07/2025

A REPORT BY

STEFFI JAMES ANTHONY

Master of Business Administration

Pharmaceutical Management

Roll no: IIHMR-U/02/2024-26/0717

2024-26

under the Mentorship of

Dr. Ratna Verma (Prof.)



INTERNSHIP COMPLETION CERTIFICATE

DATE: - 25-07-2025

This is to certify that Ms. Steffi James Anthony, currently pursuing an MBA Pharmaceutical Management from The IIHMR University Jaipur, was Working as a Business Analyst Intern (Forecasting) with Alchemver from 12 May to 25 July 2025.

During this period, she demonstrated remarkable dedication, sincerity, and strong desire to learn. She exhibited exceptional coordination skills and effective communication abilities. Moreover, her attention to detail has been truly impressive.

She consistently approached new assignments and challenges with enthusiasm, showcasing his passion for her work. Her commitment and willingness to acquire new knowledge and skills were evident throughout her internship.

We extend our best wishes to her for a successful future and are confident that she will excel in all her endeavors.



Dinesh Pandey
Director
Alchemver

HISTORY AND DESCRIPTION

Alchemver is a healthcare and pharmaceutical consultancy founded in 2024. The organization specializes in healthcare analytics, pharmaceutical forecasting, competitive intelligence, and strategic consulting. With a human-intelligence-first approach, Alchemver blends domain expertise with technology to deliver actionable insights that help life sciences companies drive growth and improve patient outcomes.

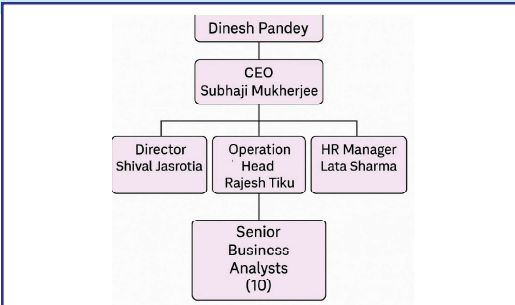
VISION

Evaluate human intelligence assisted with latest technology creating a sum greater than its parts.

MISSION

Data driven, human owned,machine assisted approach to analysis and analytics.

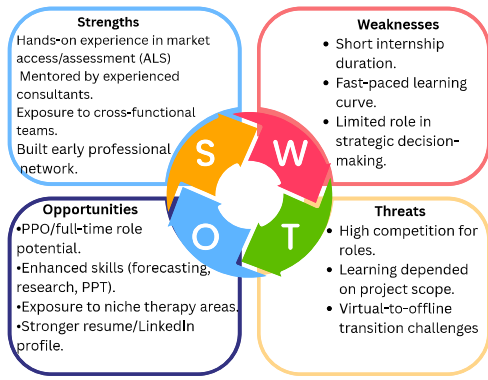
ORGANOGRAM



INTERNSHIP LEARNING THEORY Vs PRACTICAL

Aspect	Theoretical Learning	Practical Learning (Internship Experience)
Market Assessment	Learned through case studies and frameworks	Applied using actual data (e.g., ALS market, sales trends, unmet needs analysis)
Tools & Software	Basic introduction (Excel, SPSS, Crystal Ball in classroom)	Hands-on usage (e.g., Tableau, Excel modeling, CRM tools)
Stakeholder Understanding	Studied through examples and models	Gained by mapping real stakeholders (physicians, payers, patients)
Industry Exposure	Limited to guest lectures and case studies	Direct exposure to pharmaceutical markets, consulting methodologies, regulatory needs

SWOT ANALYSIS



CHALLENGES FACED

- Short Duration: Limited time for deep learning.
- Steep Learning Curve: Quick adaptation to complex topics/tools.
- Virtual Mode Limitations: Limited interaction and team bonding due to remote setup.

MAJOR LEARNINGS

- Market Access Insights: Gained knowledge of access strategies, pricing, and reimbursement.
- Research & Analysis: Improved skills in secondary research and competitor analysis.
- Tool Proficiency: Learned Excel modeling and tools like Forecast Pro.
- Presentation Skills: Built client-ready PowerPoint decks with insights and visuals.
- Professional Growth: Enhanced teamwork, communication, and consulting mindset.

SUGGESTION TO THE ORGANISATION

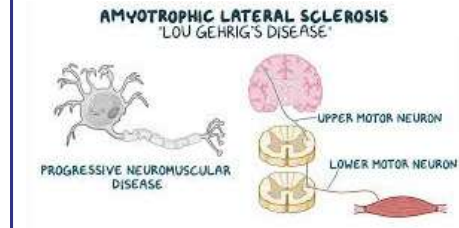
Enhance Intern Involvement: Involve interns in client meetings or strategy discussions to boost real-world exposure and confidence.

Structured Onboarding: Provide a brief training on tools and project expectations at the start to ensure smoother integration.

Regular Feedback & Mentorship: Conduct periodic check-ins to guide learning progress and strengthen professional development.

ABOUT THE DISEASE

Amyotrophic Lateral Sclerosis (ALS) a progressive neurodegenerative disorder that affects motor neurons in the brain and spinal cord. Also known as Lou Gehrig's disease in US.



MARKET SIZE

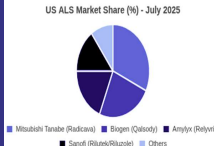
US ALS market projected to reach \$1.8B by 2029, with 5.7% CAGR (2024-2029)

MARKET ASSESMENT

EPIDEMIOLOGY ANALYSIS
ALS Market Snapshot (US)
 30K cases, 5K new/year
 3–5 yrs median survival
 \$69K/year avg. cost

Demographics
 Peak: 55–74 yrs
 20% more in men

COMPETITIVE LANDSCAPE

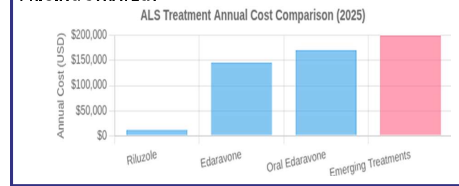


MARKET ACCESS

MARKET ACCESS CHALLENGES

- 87% of commercial payers require prior authorization
- Up to 40% of patients excluded due to strict eligibility
- High patient burden: ~\$7,200/year in out-of-pocket costs
- Shift to value-based contracts with 30-day efficacy checks
- Barriers vary by payer type: Medicaid & Medicare show higher restrictions

PRICING STRATEGY



IIHMR University Faculty Mentor Approval

This is to certify that Ms. Steffi James Anthony of academic year 2024-26 of School of Pharmaceutical Management has prepared a poster with respect to his summer internship held during May-July 2025.

He has carried out work as per the guidelines. His poster is approved for presentation.

Date: 30th JULY, 2025

A handwritten signature in blue ink, appearing to read 'Ratna Verma'.

Dr. Ratna Verma

(Professor)

Reporting Format (Weekly)

Name of the Organisation: Alchemver

Area: Business Analyst Intern (Forecasting)

Name of the Student: Steffi James Anthony

Roll no: 0717

Stream: MBA Pharmaceutical Management

Week no: 1

From: 12/05/2025 to 16/05/2025

Activity Done	During week one, I was introduced to the subject of Medical Device I broke down the data into device brand and type using Excel and assisted in the creation of summary graphics.
Linking theory (Classroom learning) with practice at your organisation	My classroom learning in pharmacovigilance and regulatory affairs was directly applicable to this assignment. Ideas such as post-marketing surveillance, data analysis, and compliance levels became viable tools.
Gaps identified on the working area.	Lack of automation caused the process of data extraction to be time-consuming. Unsystematic and sporadic reporting structures were difficult to analyze There was minimal exposure to proprietary tools used for more in-depth insights.
Suggestions for improvement	Text-mining software or basic AI tools can make screening of reports easier.
Plan for the next week	I aimed this week to find out more about device types, investigate root-cause trends for adverse events, and find out how this data drives market access decisions.

Signature of the Student

Approved by the IIHMR University's Mentor

Reporting Format (Weekly)

Name of the Organisation: Alchemver

Area: Business Analyst Intern (Forecasting)

Name of the Student: Steffi James Anthony

Roll no: 0717

Stream: MBA Pharmaceutical Management

Week no: 2

From: 19/05/2025 to 23/05/2025

Activity Done	After Week 1, I focused on high-risk products like orthopedic and cardiovascular products. I recognized chronic adverse events, performed root-cause trend analysis, and collaborated with the internal team to finalize a regulatory safety dashboard. I also assisted in an internal slide deck of leading safety indicators for strategic application
Linking theory (Classroom learning) with practice at your organisation	This week solidified my application of quality assurance and epidemiology principles, especially as I examined over-time trends and causes of device failure. It also reiterated how safety issues in the external environment influence not only compliance but also business and payor acceptance.
Gaps identified on the working area.	The reports did not always explicitly indicate if malfunctions resulted from user fault or product fault. Safety performance measures to compare across manufacturers were limited. There was little understanding of how safety issues influenced price pressure or market pullout
Suggestions for improvement	
Plan for the next week	

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Reporting Format (Weekly)

Name of the Organisation: Alchemver

Area: Business Analyst Intern (Forecasting)

Name of the Student: Steffi James Anthony

Roll no: 0717

Stream: MBA Pharmaceutical Management

Week no: 3

From:26/05/2025 to 30/05/2025

Activity Done	Explored important autoimmune diseases such as rheumatoid arthritis, psoriatic arthritis, and ankylosing spondylitis. Carried out thorough research on current therapies like biologics, JAK inhibitors, and biosimilars. Evaluated pipeline products and market trends in rheumatology. Benchmarked competitors and listed treatment gaps and future opportunities.
Linking theory (Classroom learning) with practice at your organisation	• Applied pharma marketing concepts to comprehend brand positioning and lifecycle phases. • Utilized therapeutic management techniques to discuss mechanisms of action and treatment sequence. • Applied tools such as segmentation analysis and SWOT to display results in strategic form.
Gaps identified on the working area.	• Payer-specific data limited availability identified for biosimilar insights. • Faced difficulties in compiling credible data from various sources
Suggestions for improvement	Develop an in-house knowledge base of therapeutic areas to enhance future efficiency.
Plan for the next week	Assist in creation of a market access plan for an in-development rheumatology product.

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Reporting Format (Weekly)

Name of the Organisation: Alchemver

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Name of the Student: Steffi James Anthony

Roll no: 0717

Stream: MBA Pharmaceutical Management

Week no: 4

From: 2/06/2025 to 6/06/2025

Activity Done	• Worked on a deck to estimate how a new product could take market share from competitors. • Analyzed historical sales data to identify brand-switching tendency. • Created graphics showing projected share changes and competitor decline over time.
Linking theory (Classroom learning) with practice at your organisation	Applied forecasting and competitive strategy concepts in class. Utilized brand lifecycle knowledge to understand market disruption.
Gaps identified on the working area.	No standard method of calculating share theft by therapy fields. Limited evidence of actual prescriber switching data. Some assumptions had to be made due to missing data
Suggestions for improvement	Develop a standard share theft model to use in future projects. Apply AI to mimicking adoption from historical product analogs. Include scenario-based forecasting to cover uncertainties
Plan for the next week	• Begin comparative pricing and access analysis for competing brands. • Assist in creating a value communication deck for a launch

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Reporting Format (Weekly)

Name of the Organisation: Alchemver

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Name of the Student: Steffi James Anthony

Roll no: 0717

Stream: MBA Pharmaceutical Management

Week no: 5

From: 9/06/2025 to 13/06/2025

Activity Done	I worked on building a deck to demonstrate how Monte Carlo Simulation can be used in pharma forecasting using the Crystal Ball tool by Oracle. I simulated different scenarios to illustrate how uncertainty about inputs (such as costs or market size) affects overall results. I created charts and graphs to make complex data easier to interpret and contributed to explaining the strategic value of such simulations in real-world decision-making. The deck was tailored to internal training and client education.
Linking theory (Classroom learning) with practice at your organisation	Utilized knowledge from business statistics and financial modeling to actual consulting work. Understood how risk analysis software such as Crystal Ball is utilized to enhance the reliability of forecasting. Improved my skill of converting technical simulation results into strategic recommendations for clients.
Gaps identified on the working area.	Faced some challenges in selecting accurate input ranges due to limited access to historical variability data. Realized that not all simulation visuals are easy for stakeholders to interpret without proper framing.
Suggestions for improvement	Provide brief training sessions on Crystal Ball to familiarize new members with its application.
Plan for the next week	

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Roll no: 0717

Stream: MBA Pharmaceutical Management

Week no: 6

From: 16/06/2025 to 20/06/2025

Activity Done	• I spent time last week designing a comprehensive and fact-driven PowerPoint presentation about breast cancer covering the treatment setting, market trends, and pipeline advancements. • I assisted in gathering and analyzing market information, such as leading brands, upcoming biosimilars, and current trials. • I was instrumental in visually creating the deck—interpreting research into charts, infographics, and clear visuals for client comprehension.
Linking theory (Classroom learning) with practice at your organisation	Integrated classroom knowledge of therapeutic management and oncology to comprehend disease behavior and treatment phases. Utilized my competitive intelligence and market research skills to examine pipeline positioning and brand performance.
Gaps identified on the working area.	Restricted access to geographic-specific epidemiology data, especially for Asia and India.
Suggestions for improvement	Attempt to incorporate KOL or oncologist feedback to increase the clinical relevance of future decks.
Plan for the next week	

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Reporting Format (Weekly)

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Roll no: 0717

Stream: MBA Pharmaceutical Management

Week no: 7

From: 23/06/2025 to 27/06/2025

Activity Done	This week, I focused on developing a strategic deck on Hub Services, which are patient support programs designed to ease access to treatment—especially for specialty therapies. I researched how these services help patients by managing prior authorizations, providing co-pay assistance, offering education, and improving adherence.
Linking theory (Classroom learning) with practice at your organisation	Applied classroom knowledge of pharma distribution, patient support systems, and stakeholder management. Understood how patient-centric programs improve access and adherence, linking to market access strategies.
Gaps identified on the working area.	Lack of consolidated case studies or industry benchmarks to support the business case.
Suggestions for improvement	Build a case study repository of successful Hub models from global markets. Add patient and provider perspectives to highlight the practical impact of support services
Plan for the next week	

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Reporting Format (Weekly)

Name of the Organisation: Alchemver

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Name of the Student: Steffi James Anthony

Roll no: 0717

Stream: MBA Pharmaceutical Management

Week no: 8

From: 30/06/2025 to 4/07/2025

Activity Done	I worked on creating a deck around Forecast Pro, a widely used tool in pharmaceutical forecasting. I explored how the tool applies statistical models to predict product demand and support decisions around supply planning and launch readiness. My focus was on showing how Forecast Pro helps identify seasonal trends, demand shifts, and sales variability through data-driven forecasting.
Linking theory (Classroom learning) with practice at your organisation	Applied classroom knowledge of forecasting techniques, regression, and time series analysis in a real-world setting. Understood how data science tools like Forecast Pro are integrated into commercial and supply chain decision-making in pharma. Strengthened my ability to turn technical data into business-relevant insights for strategic use.
Gaps identified on the working area.	• Limited access to live pharma datasets restricted hands-on model testing. • Needed to simplify complex outputs for a broader audience unfamiliar with forecasting tools.
Suggestions for improvement	Introduce a basic training session on Forecast Pro for interns to get familiar with the tool early.
Plan for the next week	

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Reporting Format (Weekly)

Name of the Organisation: Alchemver

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Name of the Student: Steffi James Anthony

Roll no: 0717

Stream: MBA Pharmaceutical Management

Week no: 9

From: 7/7/2025 to 11/7/2025

Activity Done	In Week 9, I worked on a research-focused task to compile a detailed list of pharmacy colleges across Madhya Pradesh. I gathered key details such as college names, websites, LinkedIn profiles, and contact numbers, ensuring that each entry was accurate and well-formatted. This task also gave me a closer look at the pharmaceutical education ecosystem within the state.
Linking theory (Classroom learning) with practice at your organisation	• Applied my knowledge of data sourcing and research methodology gained during MBA coursework. • Understood how detailed, structured research supports strategic planning and outreach. • Strengthened skills in data organization and quality checks, which are critical in consulting and analytics roles.
Gaps identified on the working area.	Many institutions lacked a proper LinkedIn presence , reducing visibility and networking potential.
Suggestions for improvement	Encourage institutions to maintain updated digital profiles , especially on LinkedIn.
Plan for the next week	

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Reporting Format (Weekly)

Name of the Organisation: Alchemver

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Name of the Student: Steffi James Anthony

Roll no: 0717

Stream: MBA Pharmaceutical Management

Week no: 10

From: 14/07/2025 to 18/07/2025

Activity Done	My last week was dedicated to a strategic deck with a theme on Amyotrophic Lateral Sclerosis (ALS) and the US market environment. I delved into the disease burden, treatment pattern, and patient segmentation, as well as emerging trends in the ALS arena. Assessed market access considerations including pricing issues, reimbursement schemes, and patient affordability concerns.
Linking theory (Classroom learning) with practice at your organisation	Brought learning from pharmaceutical marketing, health economics, and market access classes into practice-based analysis. Enhanced stakeholder mapping, payer analysis, and insight translation skills into strategic storytelling.
Gaps identified on the working area.	Scant availability of real-world data on patient access and reimbursement in ALS. Challenges benchmarking orphan drug prices because of rarity of disease and heterogeneity of payer decisions. Inconsistencies in using KPIs in measuring market access success in the rare disease category.
Suggestions for improvement	
Plan for the next week	

Signature of the Student

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COMPILED WEEKLY REPORT

Name of the Organisation: Alchemver

Area: Business Analyst Intern (Forecasting)

Name of the Student: Steffi James Anthony

Roll no: 0717

Stream: MBA Pharmaceutical Management

From: 12/05/20 to 18/07/25

Activity Done	During my 10-week internship with Alchemver, I was fortunate enough to carry out a variety of analytical, research-oriented, in the areas of post-market surveillance, regulatory intelligence, and market forecasting. Investigating Real-World Safety Data • During week one, I learned about post-market monitoring of medical devices by way of the FDA MAUDE database. During this time, I performed: • The extraction and collation of more than 500 adverse event reports, mainly for cardiovascular devices such as pacemakers, stents, and implantable defibrillators. • Classification of events according to failure modes such as battery drain, software malfunction, or mechanical failure. • Employing Microsoft Excel to clean and visualize data through pivot tables and charts, and developing a color-coded heatmap to identify manufacturers with persistent issues. Identifying Analytical Gaps & Exploring AI Integration I performed a gap analysis of the current surveillance process and observed that most of the time was taken by manual data processing. I recommended incorporating AI/ML tools for detecting anomalies and showed potential automation routes to enhance the efficiency of adverse event monitoring. Visualization with Power BI I discovered how to utilize Power BI in making raw datasets accessible via interactive dashboards. I created a prototype dashboard that graphically represented adverse event trends by device manufacturer and device type, allowing internal stakeholders to promptly find areas of concern and monitor regulatory results. Global Regulatory Frameworks This week was spent learning about the FDA's Medical Device Reporting (MDR) regulations and juxtaposing them against EU post-market surveillance requirements. I outlined major guidelines and created a quick-reference document to aid internal teams engaged in regulatory submissions. Offering Safety Insights
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	I shared my results from the analysis of MAUDE data with a blended audience of analysts and consultants. The intent was to take technical data and make it actionable and accessible. Working on this assignment improved my ability to communicate insights strongly to non-technical stakeholders immensely. Introduction to Forecasting Models This week was my entry into scenario planning and forecasting. I was introduced to applications such as Forecast Pro and Crystal Ball, and started using simple models to forecast market demand and regulatory impact scenarios. I gained knowledge on how simulations such as Monte Carlo analysis can be used to aid uncertainty modeling in healthcare decisions. ALS Market Landscape Deck I developed a strategic deck on Amyotrophic Lateral Sclerosis (ALS) and treatment scenario in the US. My tasks were: •Examining disease burden, diagnosis rates, and treatment trends. •Reviewing current therapies and future innovations like gene therapy and neuroprotection agents. •Determining market gaps and unmet needs, especially with disease-modifying therapy. Academic Market Analysis I carried out a market sizing study on pharmaceutical colleges in Madhya Pradesh (MP). I gathered information on intake capacity, affiliations, and specialization programs to assist in assessing potential partnership or academic outreach for pharma clients. In-depth ALS Market Overview & Access Analysis My last project was executing the aggregation of all my capabilities into an extensive report on the US ALS market.
Linking theory (Classroom learning) with practice at your organisation	I applied this regulatory structure in my experience utilizing the FDA MAUDE database, retrieving and analyzing cardiovascular device adverse event reports. I became skilled at classifying reports by failure mode (e.g., lead dislodgement, battery failure) and correlating them back to the particular regulatory classification and reporting requirement. This experiential learning enhanced my knowledge of how theory is applied to actual compliance activity. 2. Data Visualization & Business Analytics Classroom Concept By studying data analytics and visualization, I learned to utilize packages such as Excel, Tableau, and Power BI to translate big data sets into actionable visuals. Application at Alchemver: At Alchemver, I applied Excel and Power BI to turn raw MAUDE data into informative charts, graphs, and dashboards. I built heatmaps to map high-risk manufacturers and constructed pivot-based trend reports that uncovered quarterly shifts in adverse event patterns. These charts were presented to internal groups to inform regulatory attention and strategic planning. 3. Advanced Excel Functions Classroom Concept:

	I learned data management on Excel with emphasis on applications like VLOOKUP, HLOOKUP, IF, COUNTIF, pivot tables, and conditional formatting to analyze large datasets. Implementation at Alchemver: They were essential while dealing with large device safety data. I applied VLOOKUP to reconcile manufacturer data from different sources, and conditional formatting to indicate repeating failure types. 4. Forecasting & Scenario Planning Classroom Concept: We discussed quantitative forecasting models such as Monte Carlo simulations, regression analysis, and historical data-based demand estimation in our healthcare forecasting modules. Conceptually, tools such as Crystal Ball and Forecast Pro were discussed. Application at Alchemver: I applied Forecast Pro to forecast device usage patterns and Crystal Ball to model market uncertainties under situations such as ALS. I employed scenario planning methodology to learn how delays in regulation or price issues might impact access in the future and thereby integrate academic theory of forecasting with hands-on strategic modeling. 5. Healthcare Competitive Intelligence & Market Research Classroom Concept: As part of our strategy and marketing course, we were able to perform competitive analysis, analyze epidemiological information, and determine unmet needs in a therapeutic class. Implementation at Alchemver: I applied these ideas in a US market landscape report for ALS. I reviewed disease burden, existing treatment options (such as Riluzole and Edaravone), and new therapies in development. I also charted market opportunities, access barriers, and payer influences—converting theoretical concepts into a professional strategic report. 6. Strategic Communication & Soft Skills Classroom Concept: In business communication and presentation courses, we were taught to abstract complicated information, design engaging slides, and present findings to various audiences. Application at Alchemver: I utilized this when I made my MAUDE data analysis and market research reports to internal stakeholders. I employed simple language, organized visuals, and narrative principles to make data-driven conclusions understandable to even non-technical team members. 7. Project Management & Time Optimization Classroom Concept: We discussed time management, workflow efficiency, and project planning software such as Gantt charts, RACI matrices, and agile methodologies.
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Gaps identified on the working area.	Throughout my internship at Alchemver, I worked with actual safety data, particularly through the use of the FDA's MAUDE database. The following are the three principal domains in which I observed: 1. Time-Eating Manual Labor One of the most striking things that I first observed was how much time is spent manipulating data manually. Each time that we needed to deal with MAUDE reports, we'd spend hours downloading, copying, sorting, and cleaning out the data—just to get it into a useful state. This left scant time for meaningful analysis or extracting useful conclusions from the data. And the truth is, most of this work was repetitive. For example, classifying reports by device type or severity level could have been automated with a basic Python script. Instead, it was being done by hand, which wasn't just slow—it also opened the door for small human errors that could add up in big ways. 2. Everyone Had Their Own Way of Reporting When it came to reporting findings, there was no standard process. Everyone summarized reports in their own way, selected their own metrics, and grouped insights. Although flexibility is wonderful, this resulted in inconsistency through and through. This absence of standardization made it more difficult for team leads or customers to be able to compare results quickly or identify trends. Some reports contained in-depth graphics, while others were simply text. Key metrics were sometimes omitted; sometimes insignificant details were overly highlighted. Consequently, reading or collating reports became longer than required—and the clarity was compromised. 3. Freshers Had a Steep Learning Curve Lastly, being new to the team, I could see firsthand how hard it was to get up to speed. Everyone was courteous and assisted, but there was no official onboarding process or training session. We were largely left to our own devices to figure things out—whether it was learning Power BI, utilizing the internal forecasting tools, or figuring out what reports were supposed to look like. Without that, it took longer to feel good and contribute well. Why These Gaps Matter All of these issues have an obvious, practical solution. By introducing some automation, building standard templates, and holding some useful workshops, the team could save time, work more reliably, and leave room for improved insights and collaboration.
Suggestions for improvement	Throughout my stay at Alchemver, I was lucky enough to work on actual projects that tested me and made me better. At the same time, however, I also observed a couple of places where minor tweaks could have a drastic impact—for interns, new recruits, and even the workflow's efficiency overall. These are some ideas I'd like to contribute from my experience: 1. Automate Where Possible – Let Tech Do the Mindless Stuff Something that caught my attention right away was how much time we spent doing everything manually—particularly when it came to working with the MAUDE database. Downloading reports, navigating rows and columns, marking incidents—it was all manual. Although this was good practice initially, soon enough it was redundant and time-wasting. What would make a difference? •Automate data extraction and filtering from the MAUDE database using Python scripts.

•Experiment with NLP utilities such as SpaCy or MonkeyLearn to automatically categorize reports as minor, moderate, or major based on severity, impact, or device type.

•Write Excel macros to automate repetitive formatting or tagging operations.

Why this matters: Automation won't save only hours of effort—it'll minimize errors, maintain consistency, and enable the team to spend more time on insights rather than inputs.

2. Establish Simple, Consistent Report Templates

Each team member worked differently with reports. While that was nice, it was making it difficult to compare or review results. Sometimes important metrics were omitted; other times the format was so inconsistent that it was confusing.

What would be beneficial?

•Develop a standard MDR report template with well-defined sections and key KPIs such as device failure rates, top 3 reasons, and severity breakdowns.

•Use Power BI dashboards to make trends more interactive and bite-sized.

•Provide a couple "model reports" as examples to refer to for new team members.

Why this matters: Having a consistent format means less time wasted trying to figure out the format—and more time actually figuring out the data.

3. Streamline Onboarding for New Interns and Analysts

Most of my learning when I first started came from asking questions, trial and error.

How can that be facilitated?

•Host a 1-week onboarding workshop for interns, teaching tools such as Power BI, internal forecasting tools, and typical workflows.

•Give them a digital welcome package with step-by-step instructions, SOPs, and previous project samples.

•Pair each intern with a buddy or mentor for the initial weeks—someone with whom they can easily get assistance.

Why this is important: Clarity early on instills confidence. A bit of structure up front makes interns feel capable and productive from the get-go.

4. Foster Learning Through Sharing

I had so many learning experiences throughout my internship—some from observing, some from doing, and some from casual chat with coworkers. I think these learning experiences could be converted into something more structured and valuable to the entire team.

What might help?

•Have brief "Learning Fridays" or weekly meetings where team members can discuss a short tip, a tool found, or a mini-case study.

5. Provide Real-Time Feedback

I frequently asked myself: Was I doing it correctly? Might something have been done differently?

What might be of assistance?

•Hold a midpoint internship check-in to review progress, difficulties, and objectives.

•Instruct team leaders to provide brief, casual feedback following critical submissions or presentations.

	It makes learning become ongoing improvement—not just a finale. Final Thoughts Alchemver is performing amazing work in healthcare consulting and analytics. As a person who had the opportunity to learn and contribute here, I feel that with some process enhancements such as automating simple tasks, establishing more transparent templates, and structuring onboarding, the team can operate more efficiently and future interns will have an even better experience.
Key Learnings	My internship with Alchemver wasn't a task list of things to do—it was an intensely immersive learning experience. During more than ten weeks, I came to develop in ways that exceeded technical capabilities. I learned to engage with actual data, present insights, work with professionals, and sustain the tempo of the healthcare consulting environment. These are some of the best lessons I carried away with me: 1. Data Alone Isn't Enough—Insight Is What Matters Using the FDA's MAUDE database, I learned soon enough that possessing data is only the beginning. More importantly, it is about how you scrub it, structure it, and interpret it. From classifying device failures to identifying severity patterns, the true benefit was realized when raw data was transformed into insight that could influence safety strategy and patient care. I discovered that numbers are potent—but only if they speak of something. 2. Power BI Helped Me See the Bigger Picture One of the largest technical skills I acquired was how to use Power BI to create interactive dashboards. Aside from the charts and filtering, I discovered how data visualization can allow difficult findings to be easily readable—even for a non-technical person. 3. Formal Processes Make Work Faster, Not Harder At first, it was tough to get work done without a fixed template. Reports were different, measurements changed, and templates were absent. 4. Automation Isn't Just Efficient—It's Empowering Manual data tagging and reporting classification was a large portion of the initial workload. 5. Communication Is as Important as Analysis During the internship, I was able to communicate findings to non-technical colleagues. This made me learn how to cut down complicated concepts and adjust my words to suit the audience. I realized that no amount of brilliant analysis matters if it is not communicated loudly and clearly. It's not what you know—how much you can tell others. 6. Real-World Work Is Not Always Linear As opposed to the neat design of school work, real-world consulting is filled with shifting priorities, murky information, and changing objectives.

7. Exposure to Different Domains Broadened My Perspective

Though my primary concentration was medical device safety, I also did market assessment, regulatory affairs, and strategic forecasting.

9. Details Make a Big Difference

Whether it was formatting a spreadsheet, titling a chart, or justifying text in a slide—details counted. Neat, consistent presentation wasn't an extra—it lent credibility and professionalism to the effort.

Accuracy indicates concern—and others take notice.

10. Our Work Has Real-World Impact

What made this internship truly meaningful was knowing that our work—analyzing safety data, identifying trends, or mapping treatment pathways—could actually impact real patients and healthcare decisions. That gave me a sense of purpose that no textbook ever could.

Behind every data point, there's a patient. That made everything feel real.

Final Reflection

This internship served to enhance me as both a future healthcare provider and an individual. I learned technical skills, no doubt—but more importantly, I learned to think critically, think on my feet, and communicate clearly. I graduate with a deeper appreciation of the skills it takes to succeed in healthcare analytics and with immense thankfulness for the chance to learn in practice."

Signature of the Student

Approved by the IIHMR University's Mentor