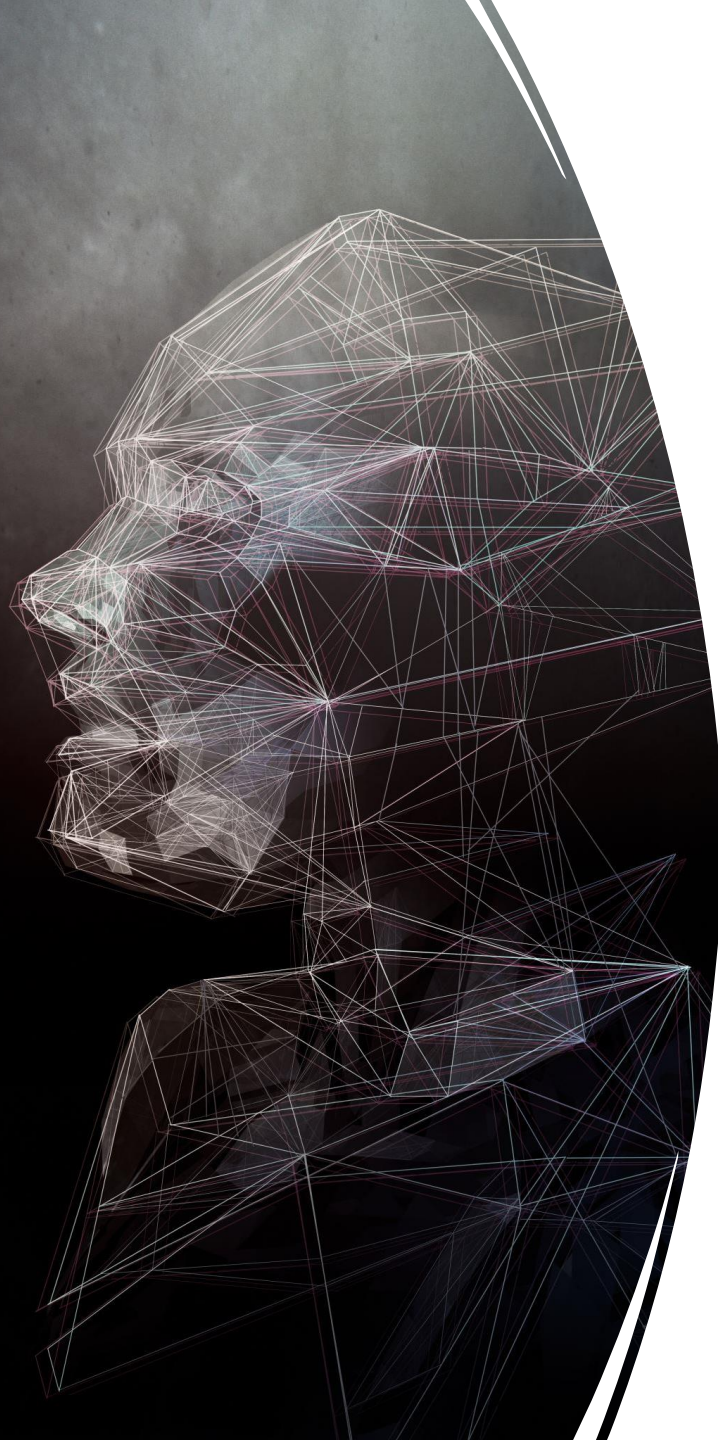




Metaverse- "A digital transformation In healthcare industry"

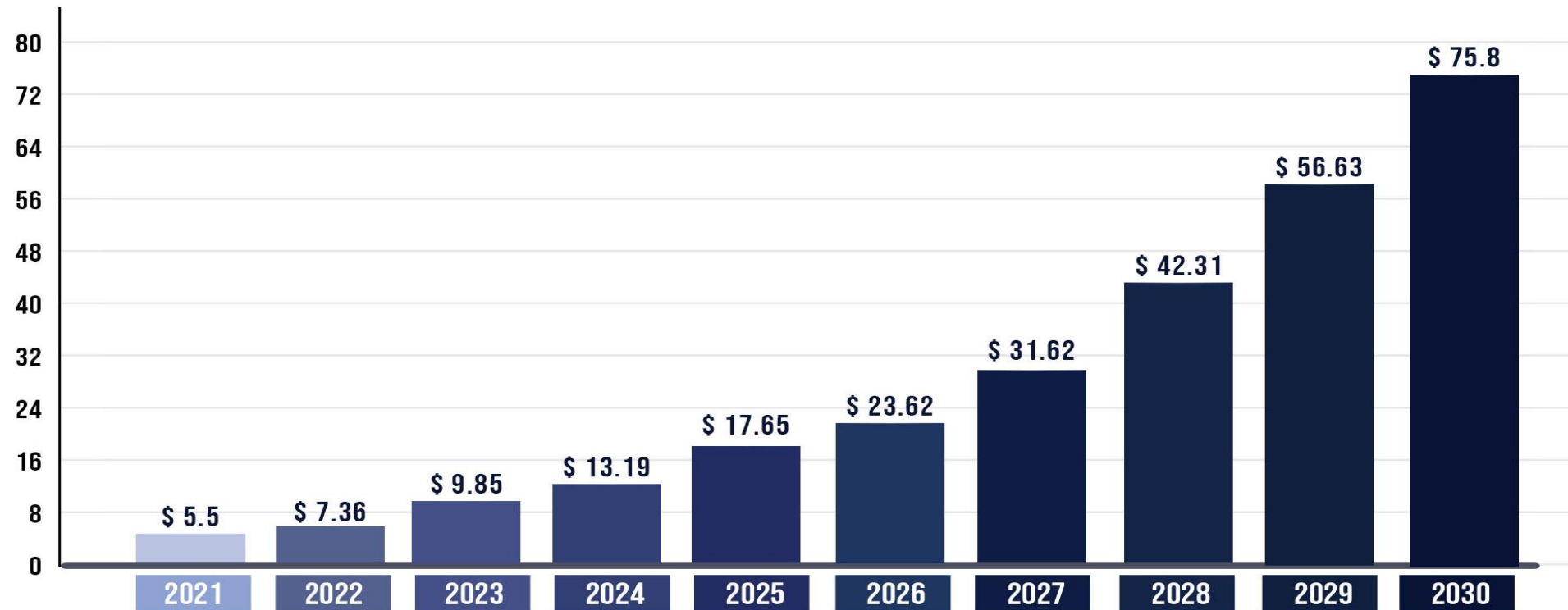
By - Satakshi Pathak
PM -13
0338



What is metaverse?

- The metaverse is the emerging 3-D-enabled digital space that uses virtual reality, augmented reality, and other advanced internet and semiconductor technology to allow people to have lifelike personal and business experiences online.

Market size of metaverse in healthcare



The background image is a composite of futuristic healthcare and technology. In the center, a doctor in a white lab coat is smiling and interacting with a transparent digital interface. The interface features a 'LOADING' bar at the top left, a white silhouette of a human figure on the left, and a glowing blue globe with circuitry on the right. At the bottom left, there are icons for a person, a shield with a plus sign, and a virus. The entire scene is framed by a white, hand-drawn style border.

Healthcare in metaverse

OBJECTIVE

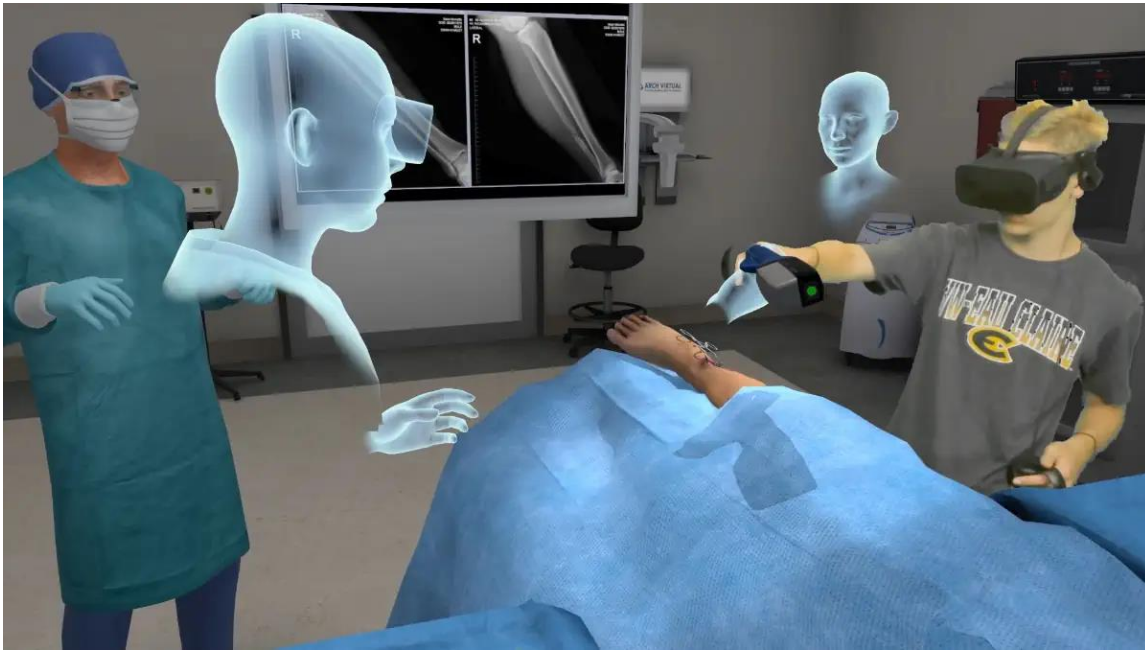
To study the awareness of the metaverse in the healthcare industry

To review the necessity of the metaverse within the HPC, the patient and medical representative

To study additional correlates impacts of metaverse on employment.

Medical training and education

- Get Trained on stimulation platform enabled by AR/VR/XR technology, risk free



Fitness and wellbeing





Telemedicine

- Remote care
- Virtual Hospital
- Medical diagnosis
- Virtual therapies

Pharmacy in metaverse



Challenges

**Heathcare
data**

**Data
privacy**

Regualtions

**Data
security**

Healthcare professional and patient



Resistance to change



Adoption



Adaption

Technology

Interoperability

Scalability

Accessibility

RESEARCH METHODOLOGY AND DESIGN

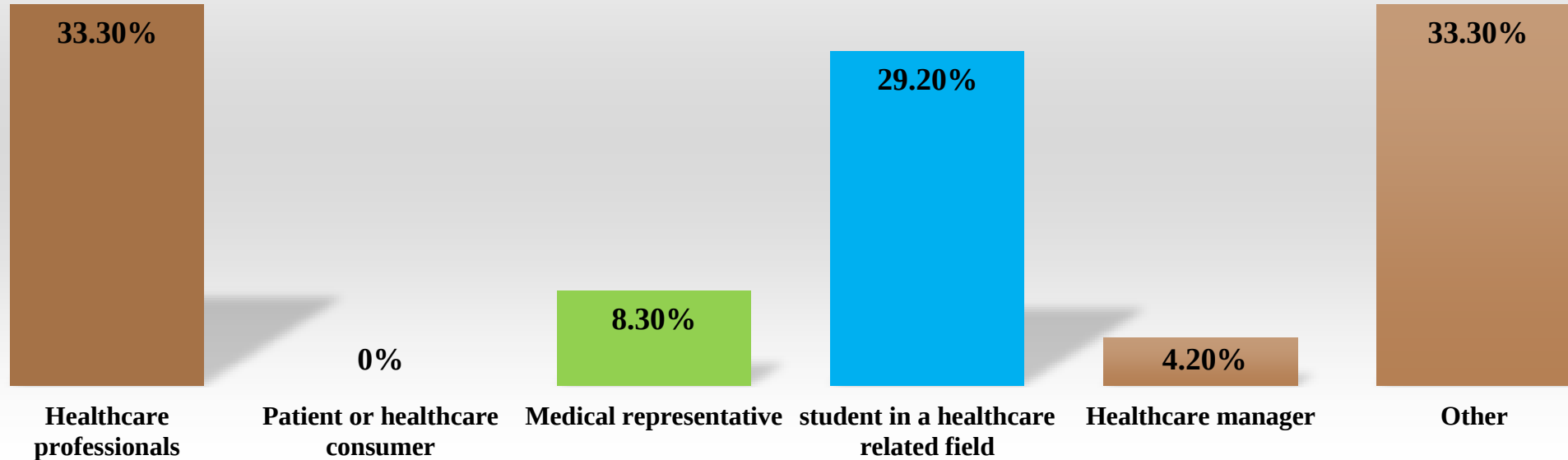
A structured questionnaire will be used for the aim to study potential of metaverse in healthcare professional , medical student, medical representation, patients. this can be a cross-sectional survey distributed and recorded through google form in hospitals, medical colleges, universities. Also secondary research will be used to examine the impact on employment through some research, articles, websites, etc.

Achieve the study's goal of figuring out how much people know about metaverse technology and how important it is to the healthcare sector. The poll will question participants, including HCPs, medical students, patients, and MRs, for information regarding their acquaintance with the metaverse, its potential advantages, and its potential challenges. The demographic data will reveal the participant's attributes, including age and role (employment status). Question-based data will help achieve the objective.

ANALYSIS OF RESPONDENT

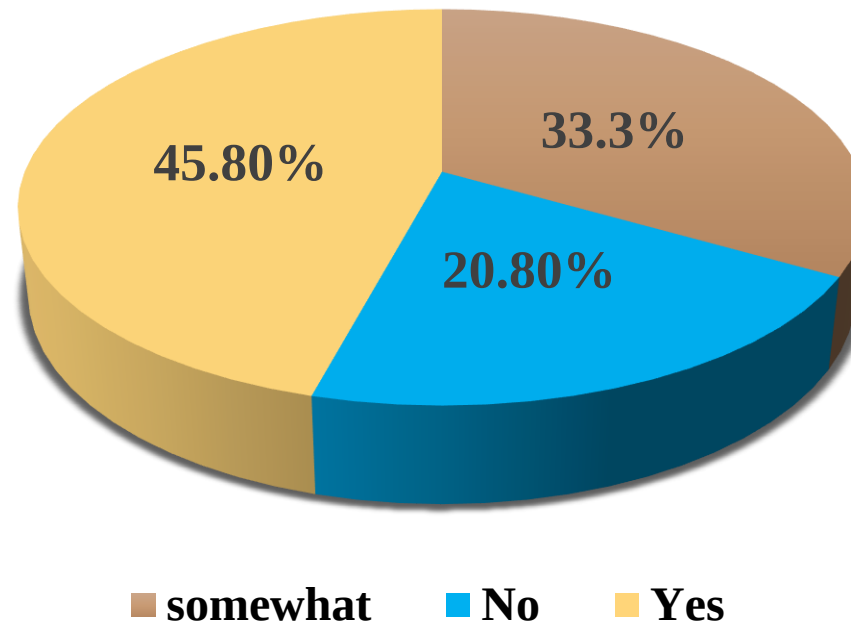
1. Occupation of the participants

■ Healthcare professionals ■ Patient or healthcare consumer ■ Medical representative
■ student in a healthcare related field ■ Healthcare manager ■ Other



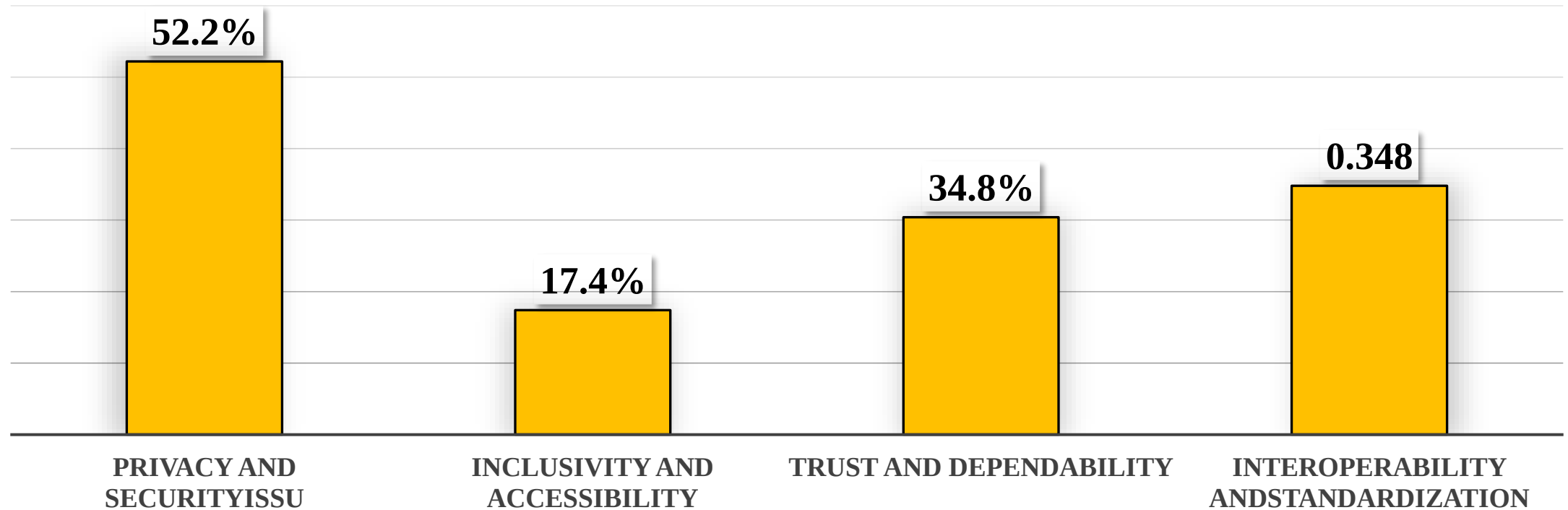
Analysis of respondent

2. Familiarity with the metaverse



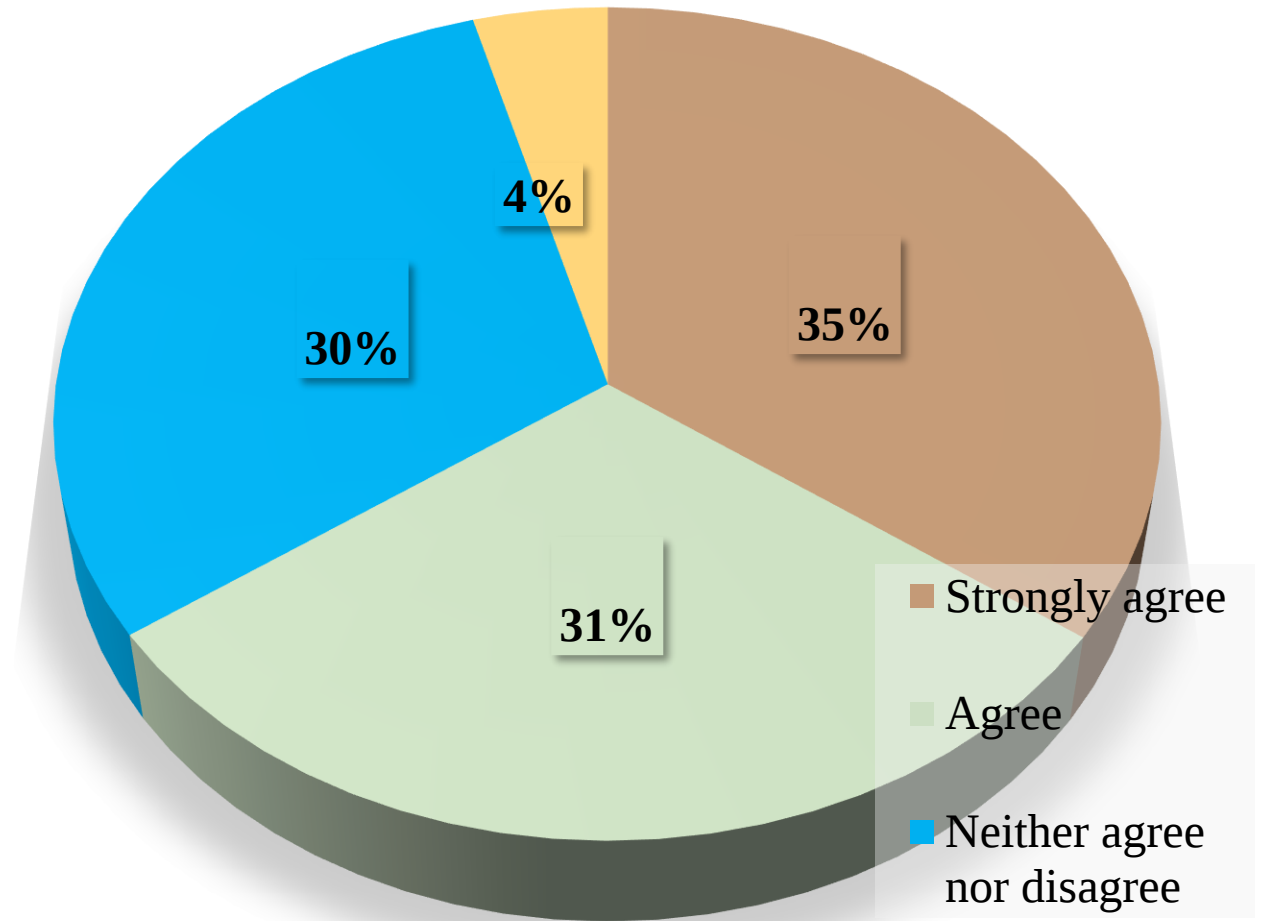
Analysis of respondent

3. Possible challenges in healthcare metaverse



Analysis of respondent

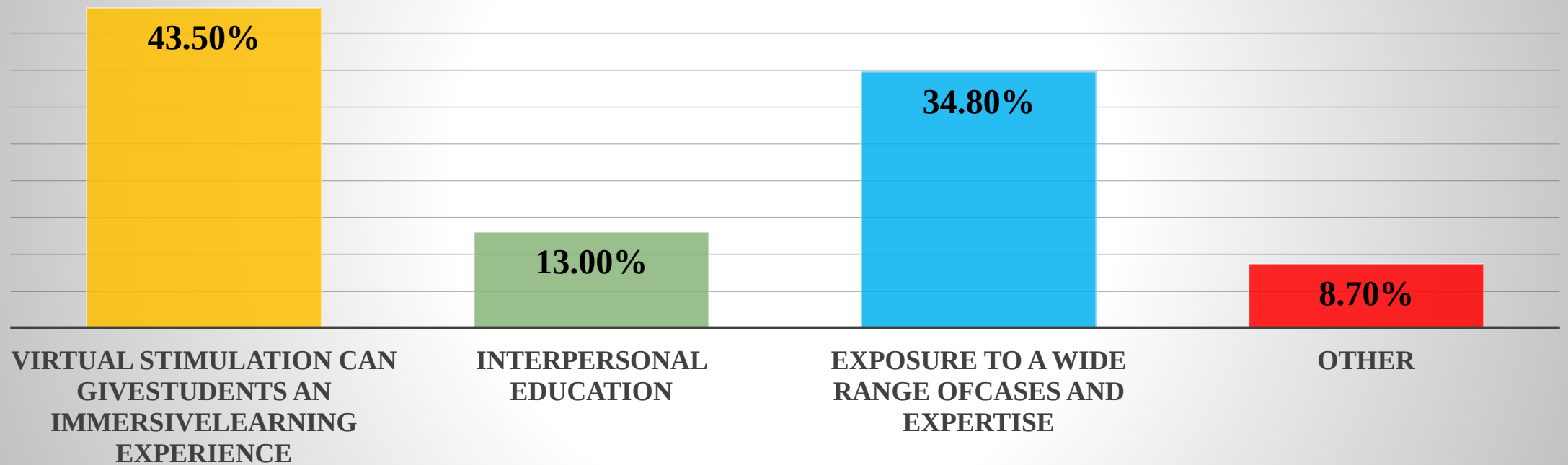
4. Role of metaverse to improve medical representative experience



Graphs 4 - % of respondent who think metaverse will change MRs experiences

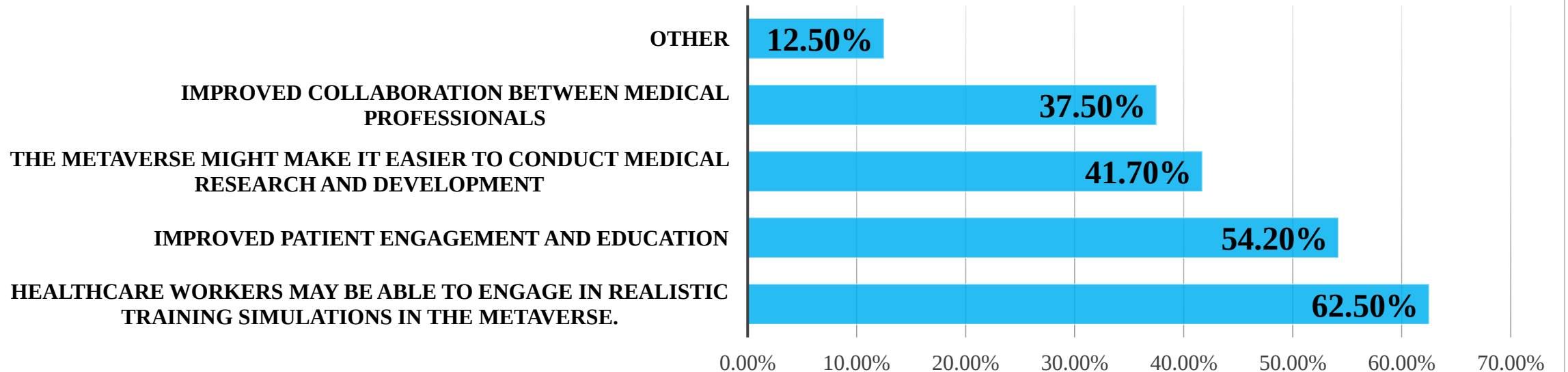
Analysis of respondent

5.Role of metaverse for medical student



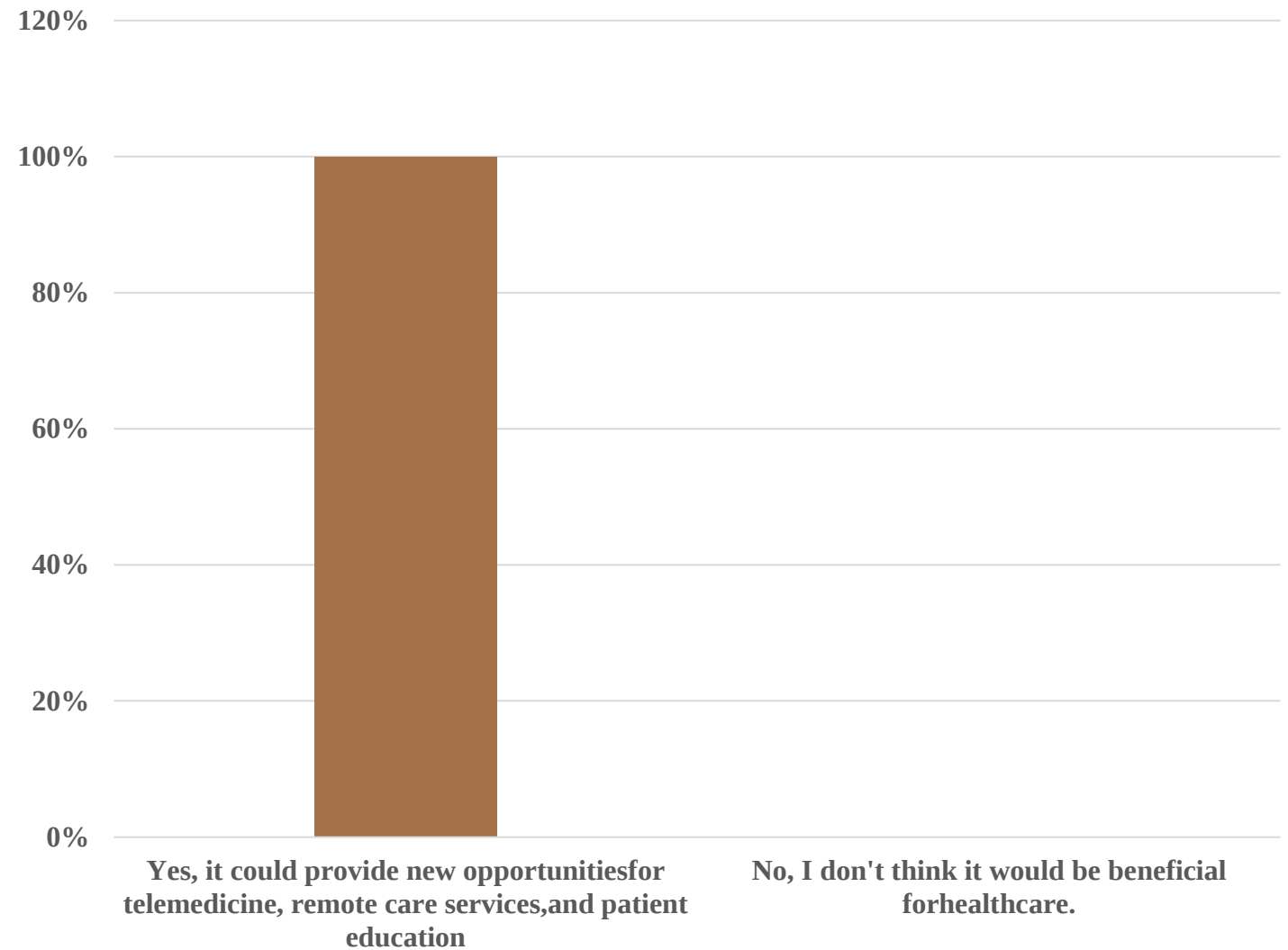
Analysis of respondent

6. Advantage of metaverse in healthcare



Analysis of respondent

7.Benefit of metaverse in healthcare industry



THANK YOU

