

Placement Preparation Analysis

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Significance of the Topic

1. Relevance
2. Data-driven Decisions
3. Trends Analysis
4. Impact

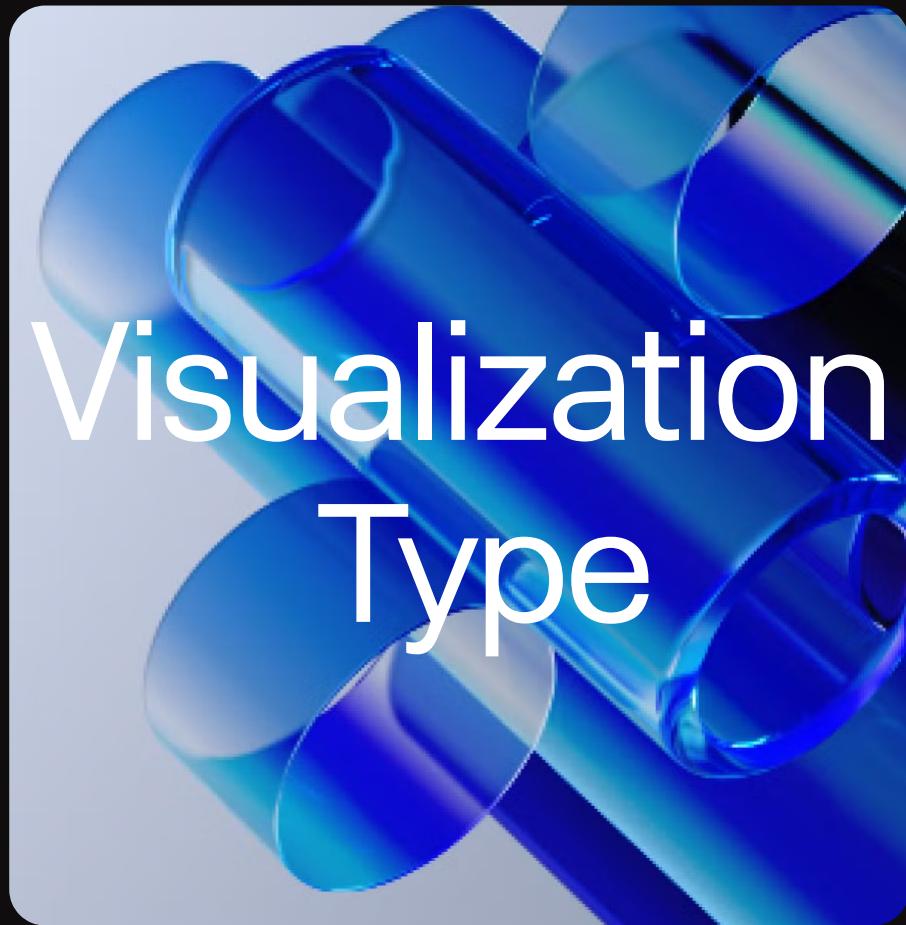
A quote

“The greatest value of a visualization is when it forces us to notice what we never expected to see.”

– John Tukey

APPROACH

Define Purpose
and Understand
Data



Visualization
Type

Design
for Clarity

Iterate

METHOD

DATA COLLECTION

DATA NORMALIZATION AND SAMPLING

DESIGNING
VISUALIZATIONS

USER ENGAGEMENT AND FEEDBACK

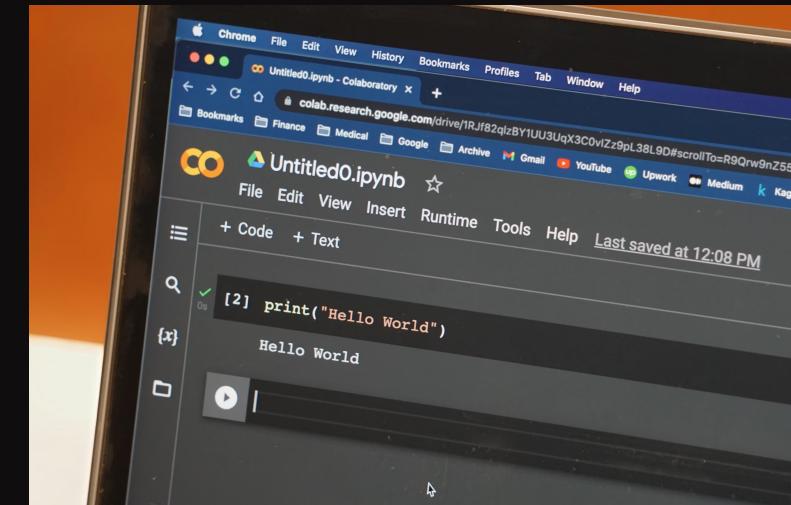
Visualization Tools Used



Microsoft PowerBI



GEPHI

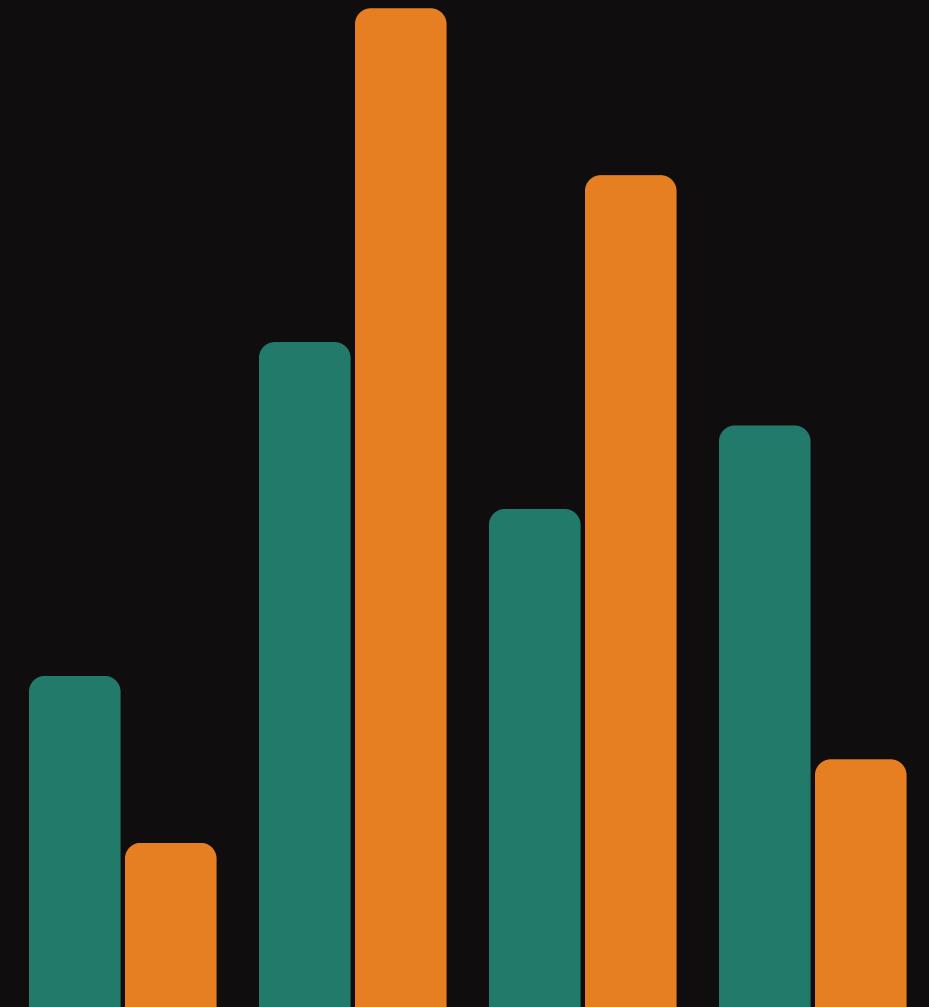


Plotly



D3.JS

Visualizations Used



POWERBI

Filled Map
Pie Chart
Clustered and Stacked Bar Chart
Line and Clustered Column Chart
Scatter Chart
Gauge Chart

GEPHI

Graph Visualizations

D3.JS

Bar Chart
Line Chart

PLOTLY

Bubble Chart

Placement Preparation Analysis

B I U ⊞ ✖

Thank you for participating in this survey, which aims to gather insights into students' placement preparation strategies, challenges, and experiences. Your responses will help create a dataset for analysis and visualizations in my information visualization project.

The survey covers topics like:

- Study habits and resources used



DATA COLLECTION

Data was collected via Google Forms from engineering students in 1st to 4th year across various colleges in India.

Types of Data Used

CATEGORICAL DATA

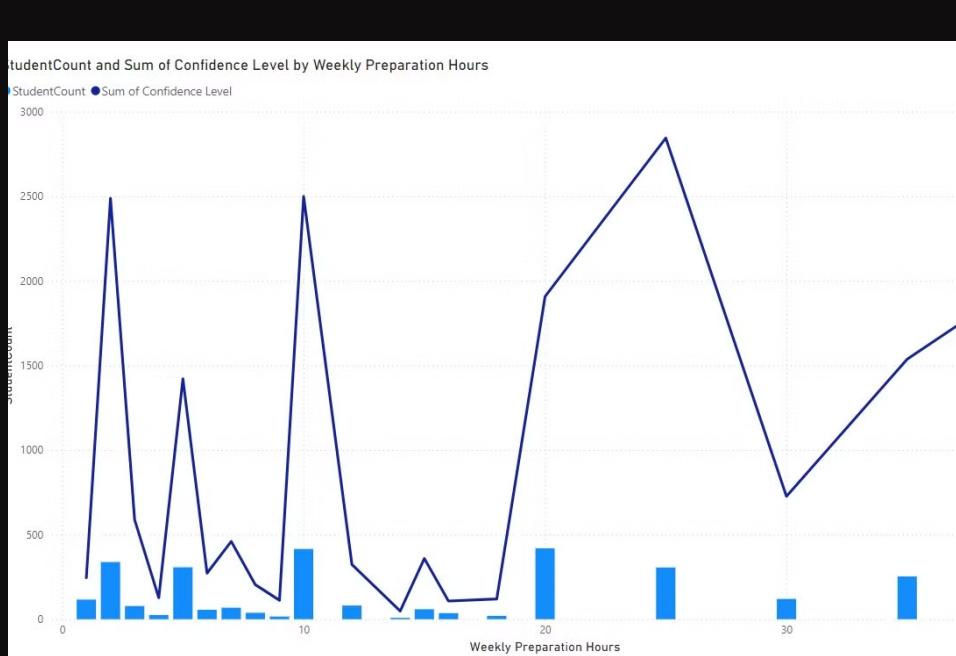
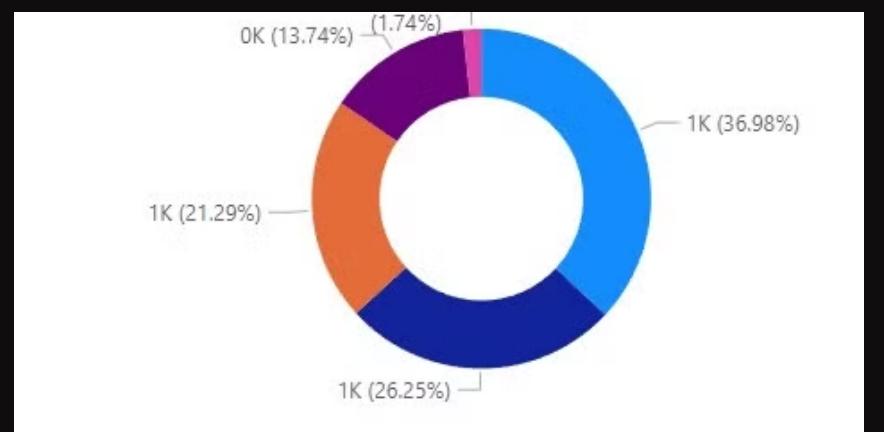
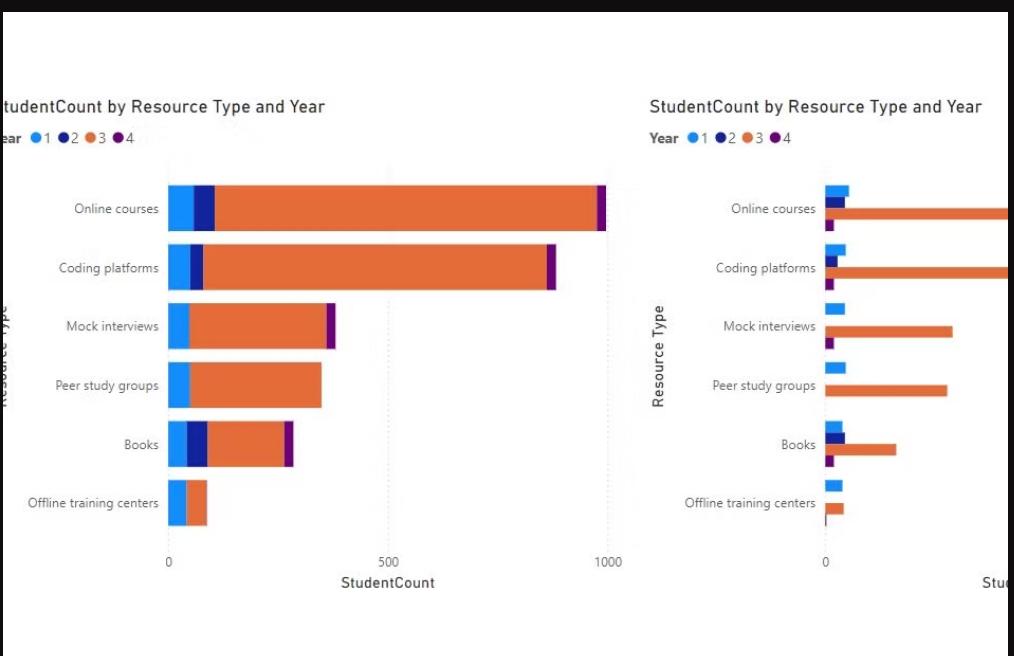
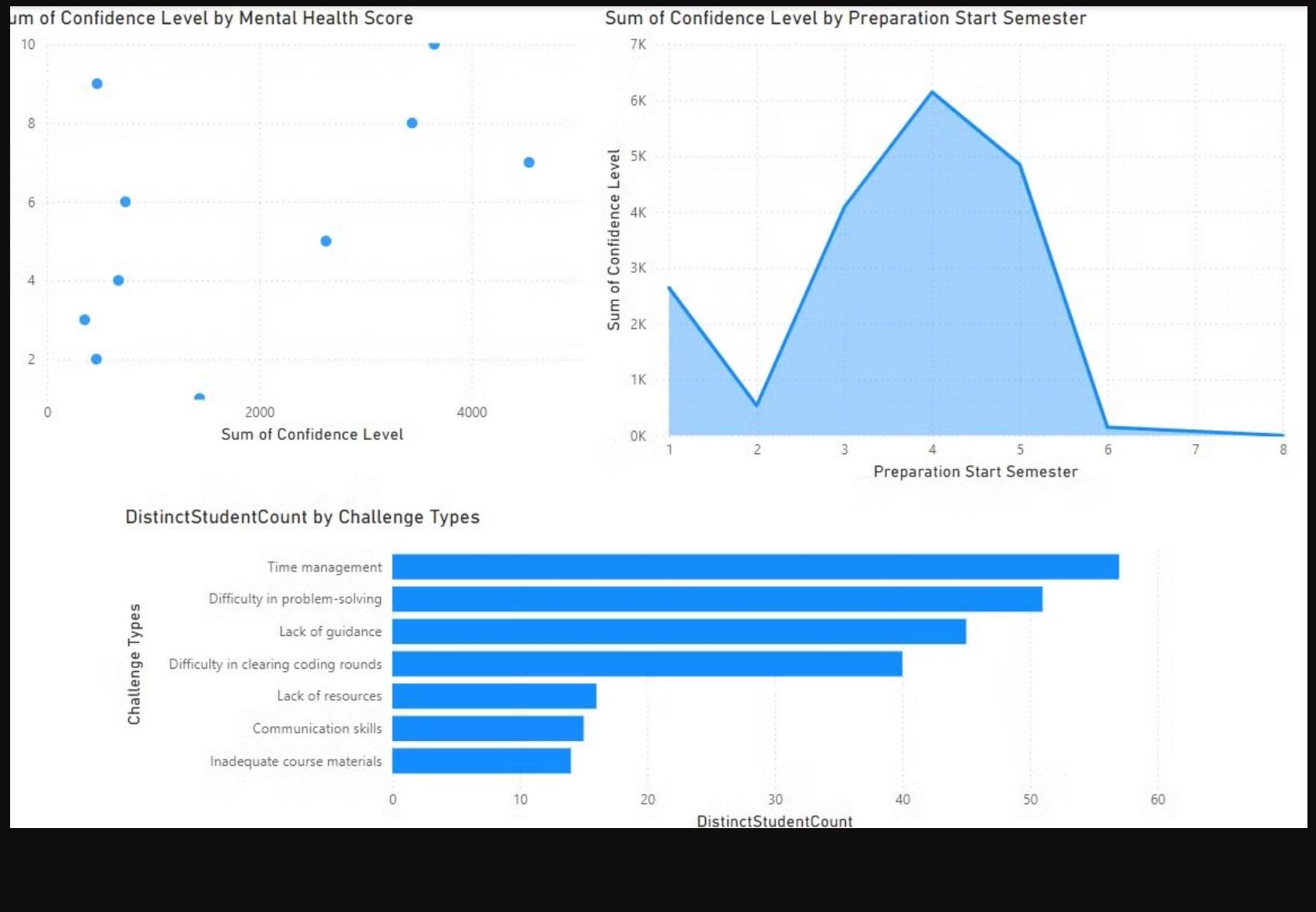
NUMERICAL DATA

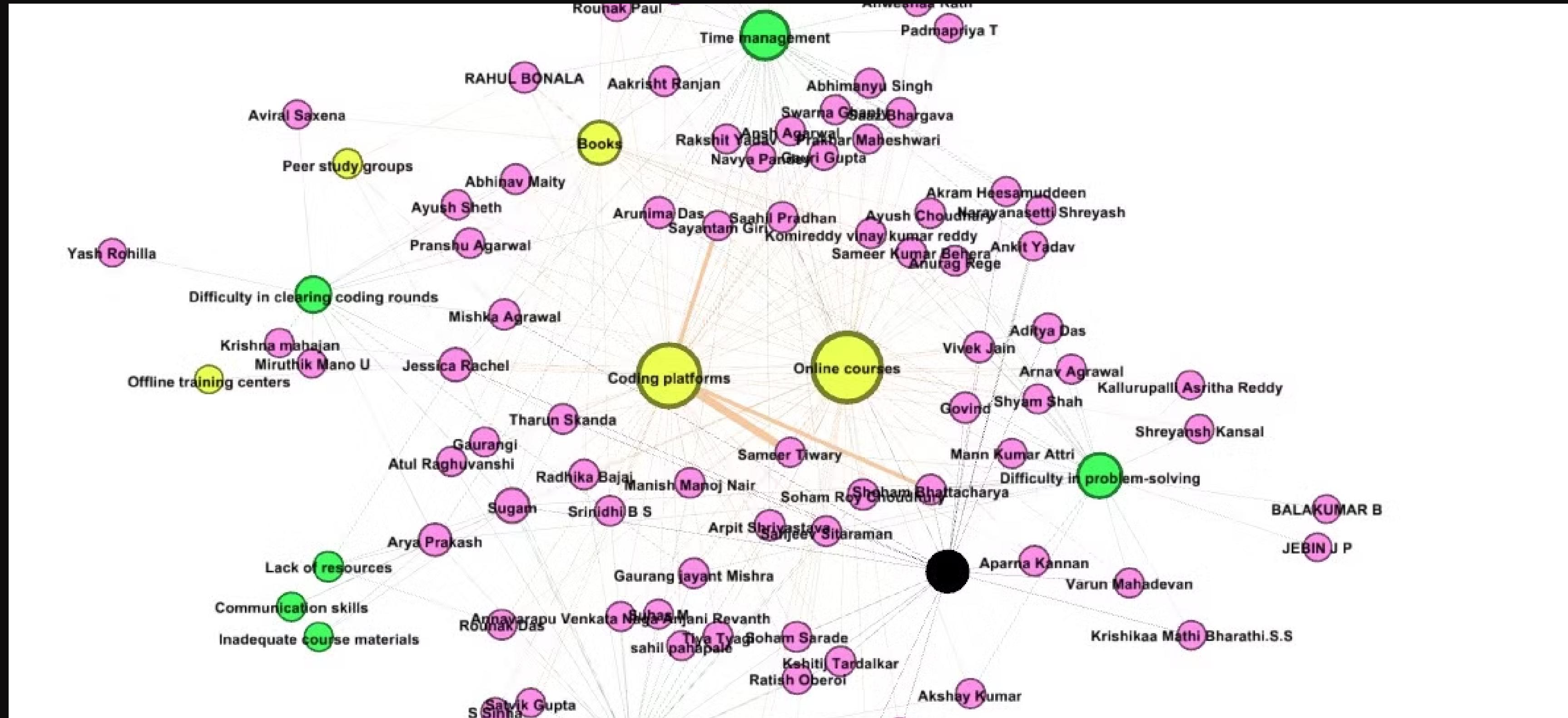
ORDINAL DATA

INTERVAL DATA

POWERBI

Power BI is a tool that turns your data into easy-to-understand charts and reports, that helps us make better decisions.

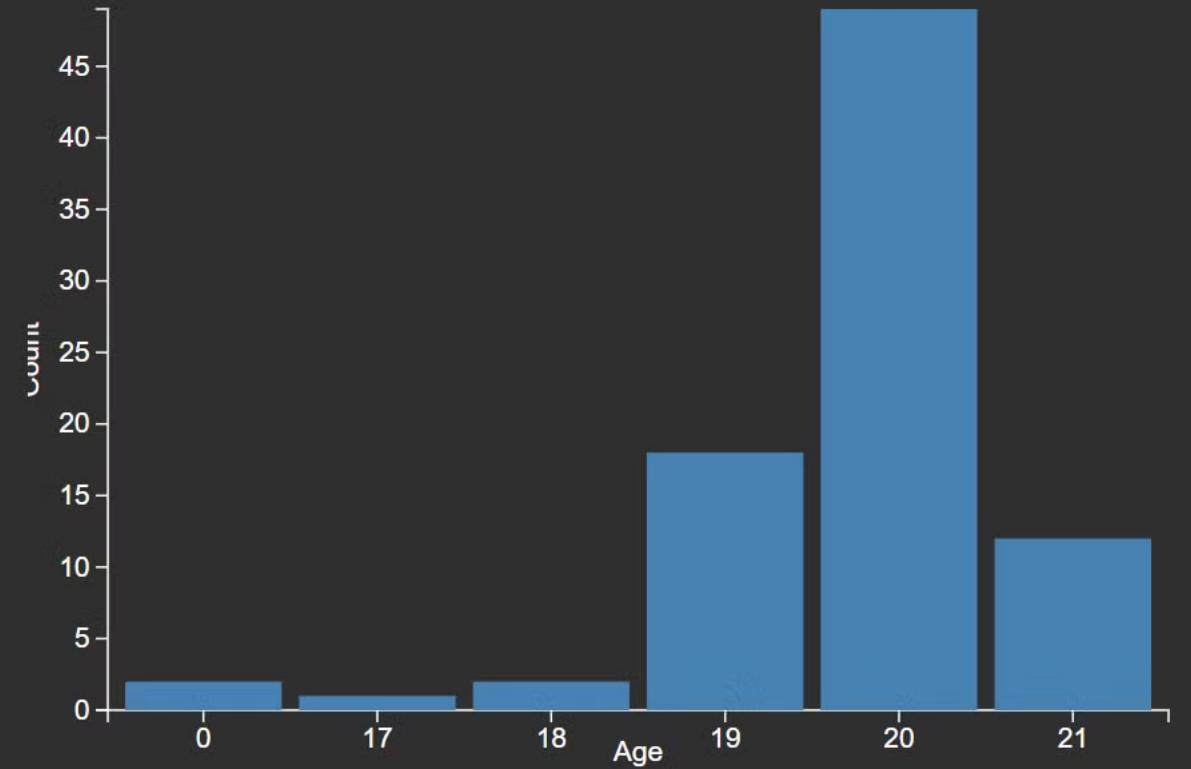




GEPHI

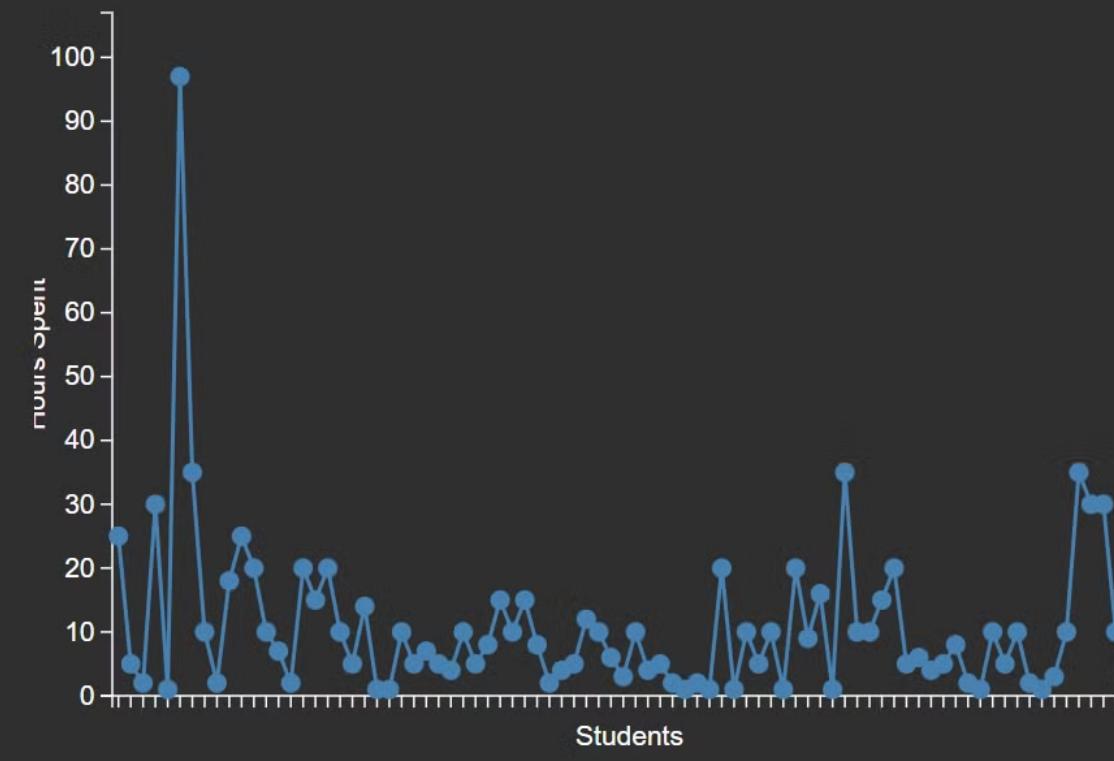
D3.JS

Age Distribution Bar Chart



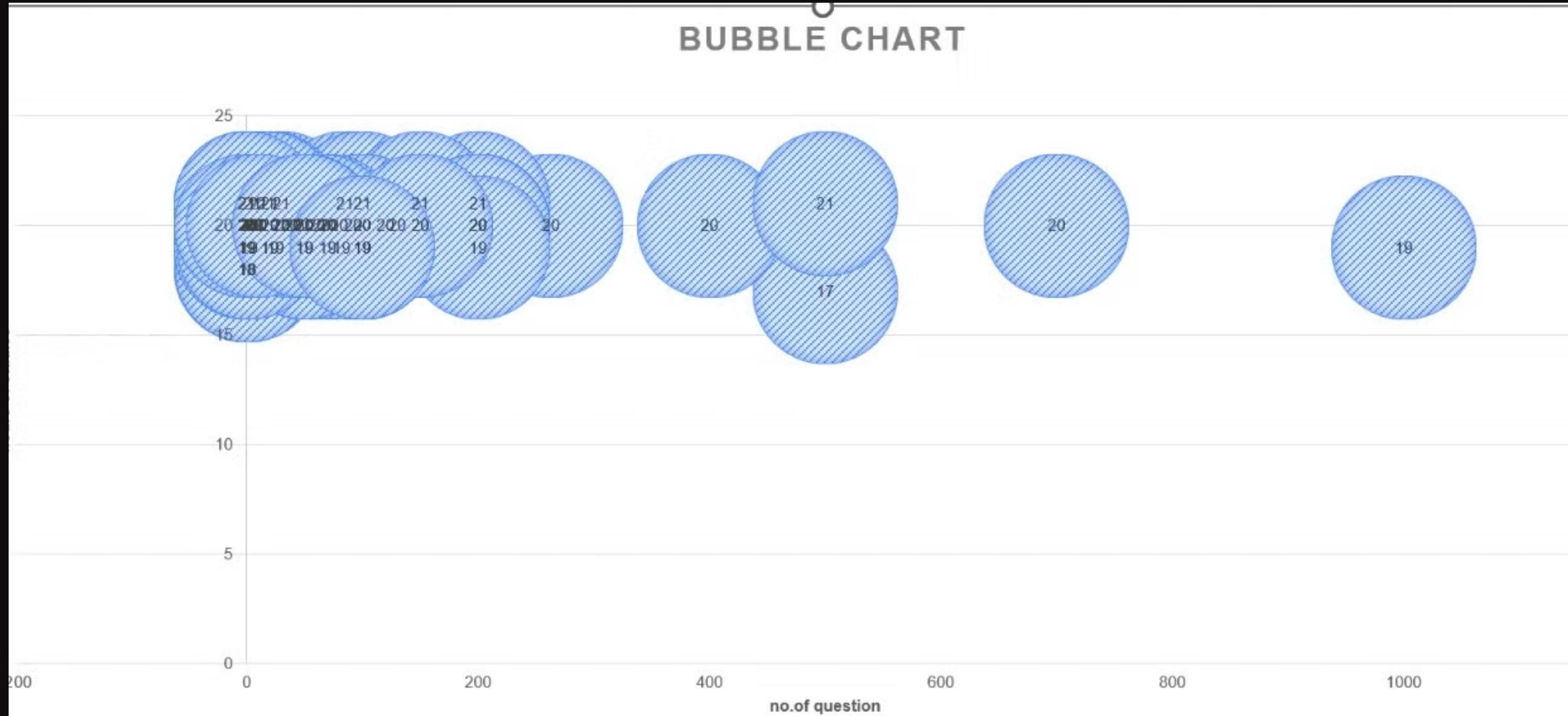
From the age distribution, we can infer the average age of students and how it may affect their study habits and placement outcomes.

Weekly Hours Spent on Placement Preparation



From the data on hours spent on placement prep, we can infer how study time relates to success in placements.

BUBBLE CHART



PLOTLY

A photograph of the Aurora Borealis (Northern Lights) in a dark, star-filled sky. The green lights are visible in the upper right, with fainter horizontal bands across the middle. In the foreground, dark silhouettes of hills or mountains are visible against the bright lights.

Thank you!