



INNOVATION. AUTOMATION. ANALYTICS

PROJECT ON

EDA on AMEO Dataset

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About me

My name is Siddhi and completed Bachelor's degree in Mechanical Engineering (BE). Despite my engineering background, I developed a keen interest in the field of Data Science. The reason behind my inclination towards Data Science is its ability to uncover valuable insights from data, which can be applied across various industries. I see it as a powerful tool to analyze and interpret information, ultimately aiding in better decision-making. While my formal education is in mechanical engineering, I believe that learning Data Science will complement my skills and open up new opportunities for me to contribute meaningfully in today's data-driven world.

PROBLEM STATEMENT

Analyze AMCAT test data to identify candidate performance trends, pinpoint strengths and weaknesses, and explore correlations with job success. Optimize the use of AMCAT scores in the hiring process for more effective candidate selection.

OBJECTIVE OF THE PROJECT

Analyze AMCAT test data to identify candidate performance trends, pinpoint strengths and weaknesses, and explore correlations with job success. Optimize the use of AMCAT scores in the hiring process for more effective candidate selection

KEY TASKS

- Data Collection
- Data Cleaning
- Descriptive Statistics
- Data Analysis
- Conclusion

LIBRARIES USED

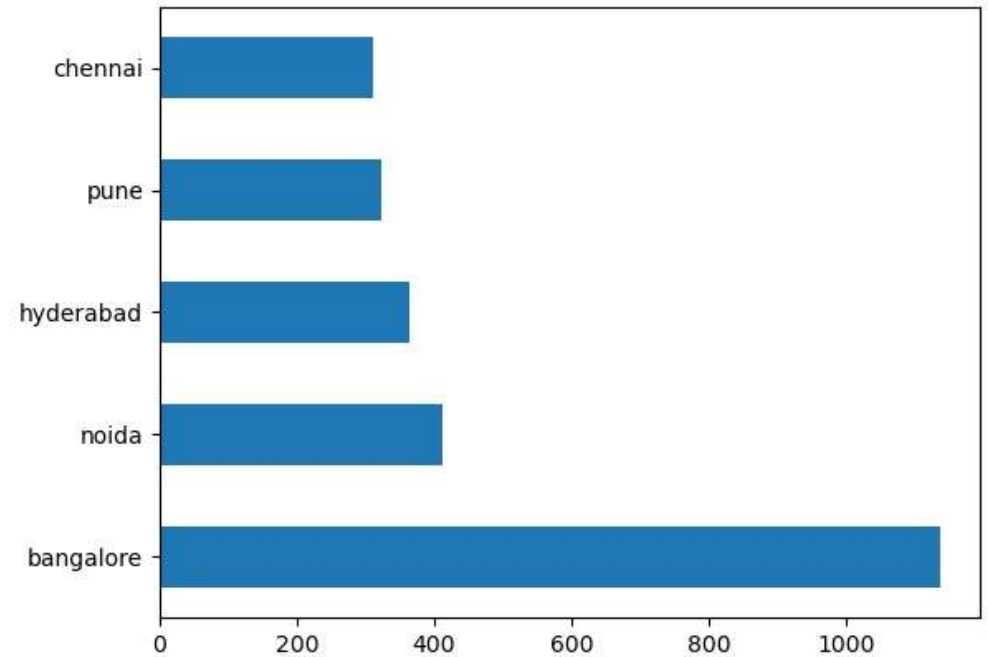
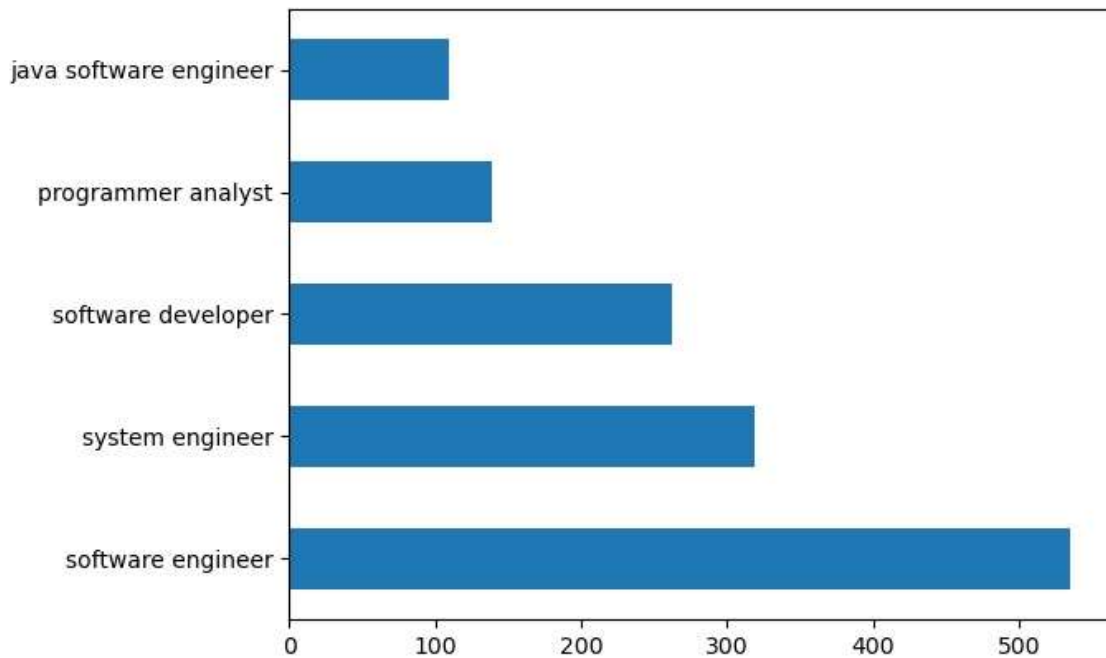
- NumPy
- Pandas
- Matplotlib
- Seaborn

Data Cleaning Steps

- Data type conversion
- Checking for the missing values.
- Replacing null or inappropriate values with appropriate values.

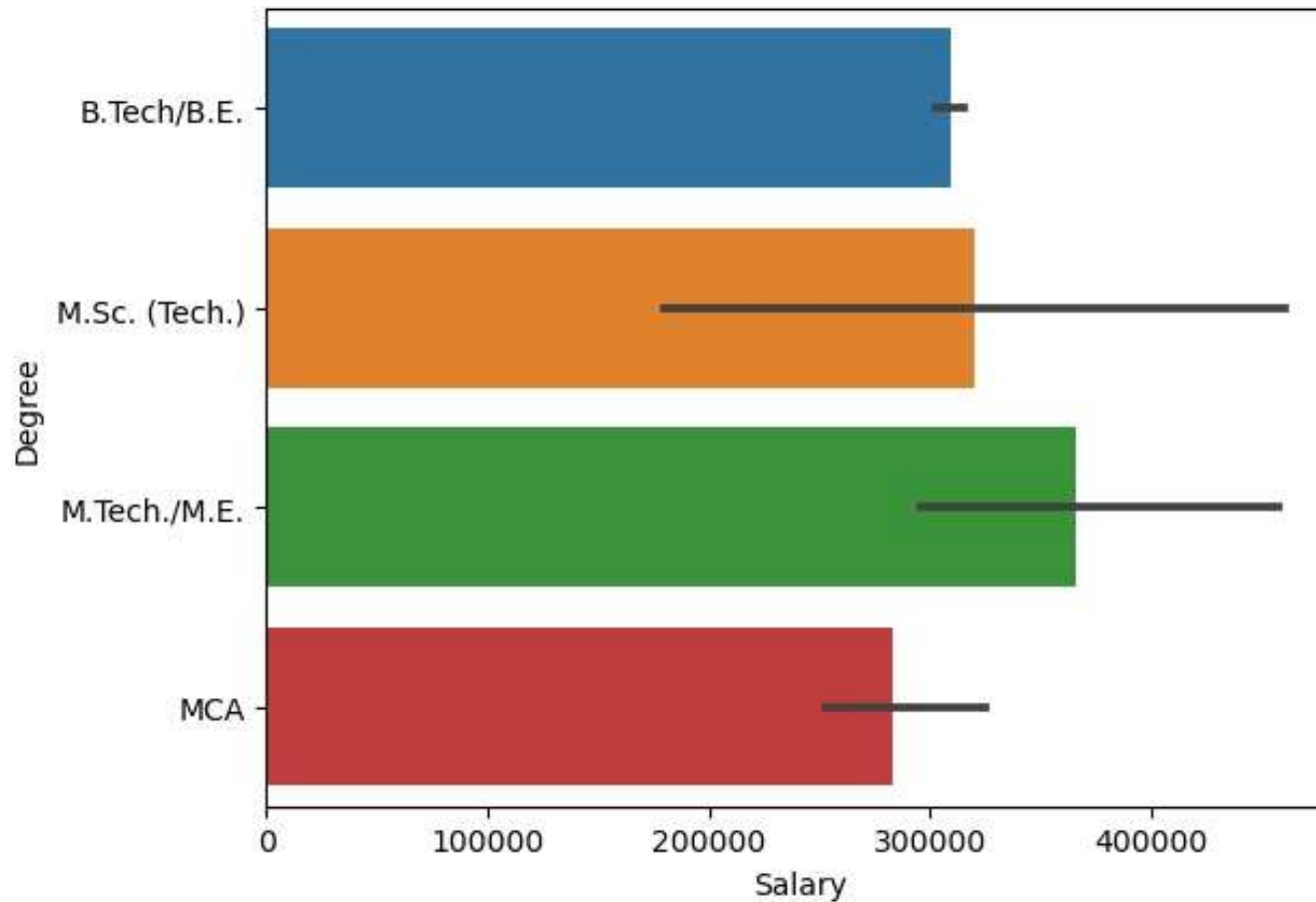
Univariate Analysis

Count of occurrences for each Designation and Job State



Bivariate Analysis

Average salary for each degree



THANK
YOU

