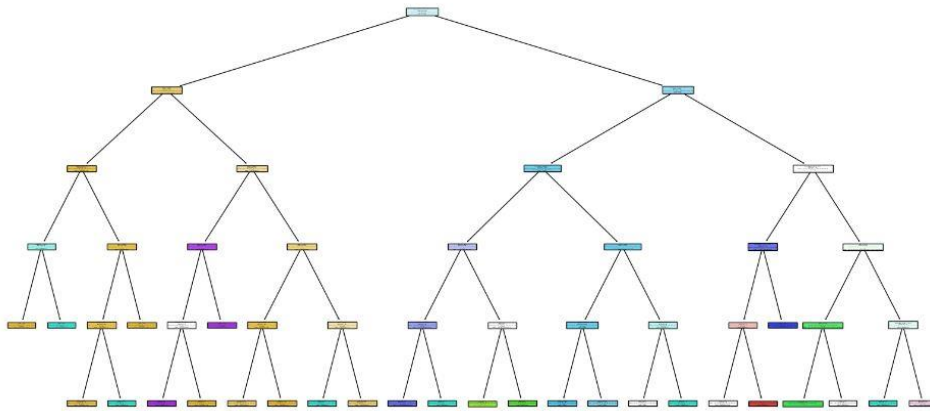# VISUALIZATION

ON ADVERTISED DATA SCIENCE JOBS IN INDIA

- DATA ANALYSIS
- DECISION TREE

DATA SOURCE: KAGGLE

FIG 1: MACHINE LEARNING DECISION TREE TO PREDICT ROLE CATEGORY WITH A 70% ACCURACY

FIG 2: CONFUSION MATRIX FOR THE DECISION TREE ABOVE
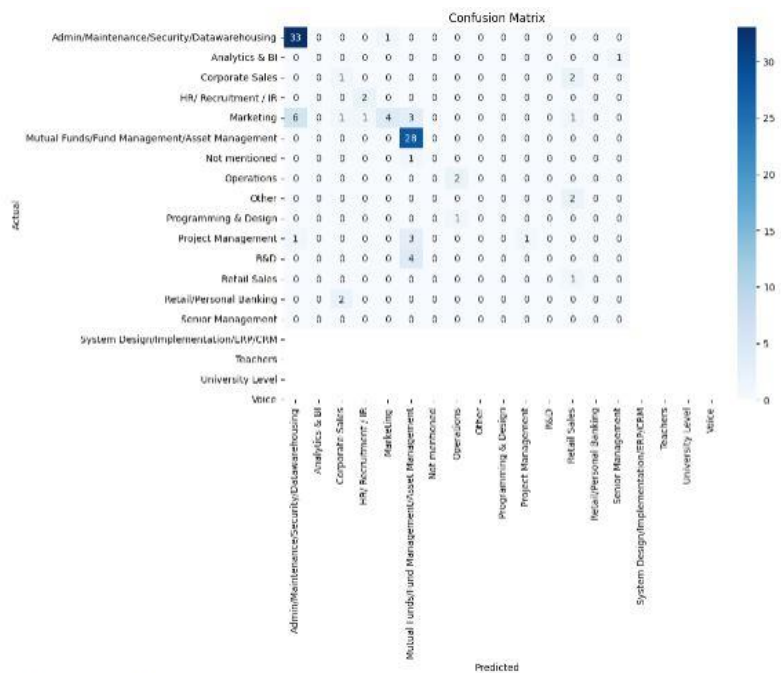

<Figure size 640x480 with 0 Axes>

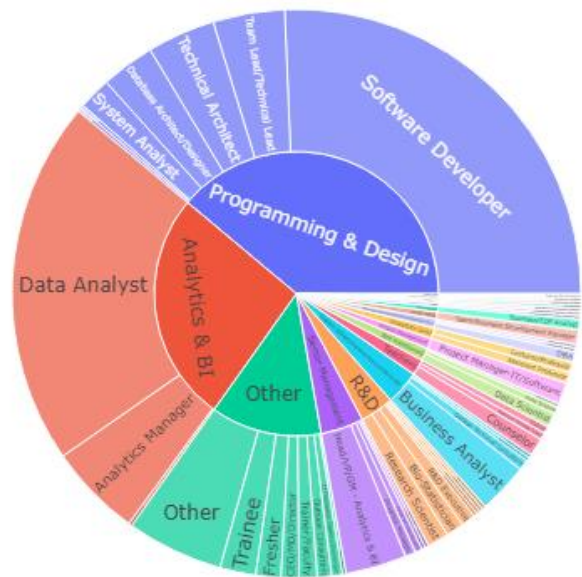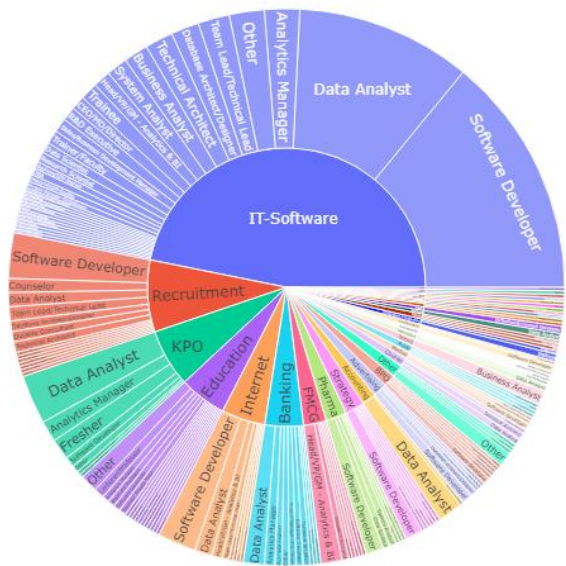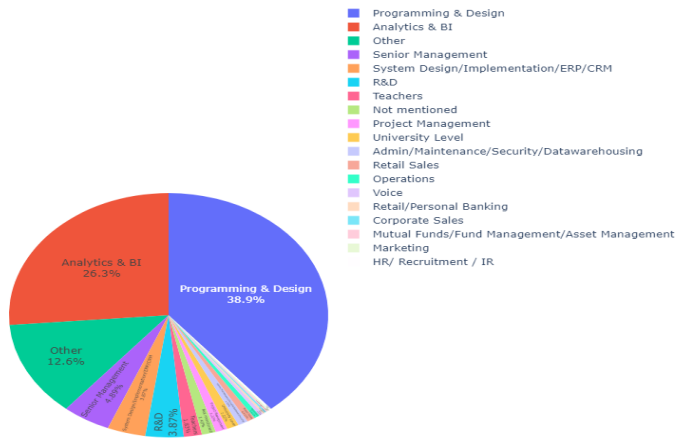*FIG 3: SUNBURST CHART VISUALIZING THE VARIOUS ROLES THAT EXIST PER CATEGORY*
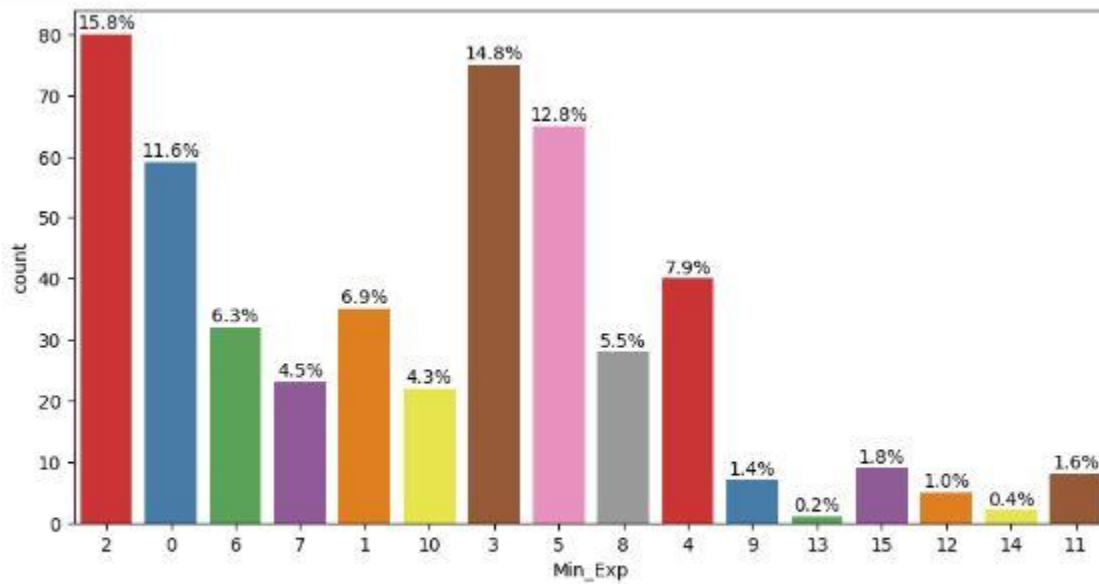

FIG 4: SUNBURST CHART VISUALIZING THE VARIOUS ROLES THAT EXIST PER INDUSTRY

FIG 5: PIE CHART VISUALIZING ROLE CATEGORY AS PERCENTAGE

Legend:
- Programming & Design
- Analytics & BI
- Other
- Senior Management
- System Design/Implementation/ERP/CRM
- R&D
- Teachers
- Not mentioned
- Project Management
- University Level
- Admin/Maintenance/Security/Datawarehousing
- Retail Sales
- Operations
- Voice
- Retail/Personal Banking
- Corporate Sales
- Mutual Funds/Fund Management/Asset Management
- Marketing
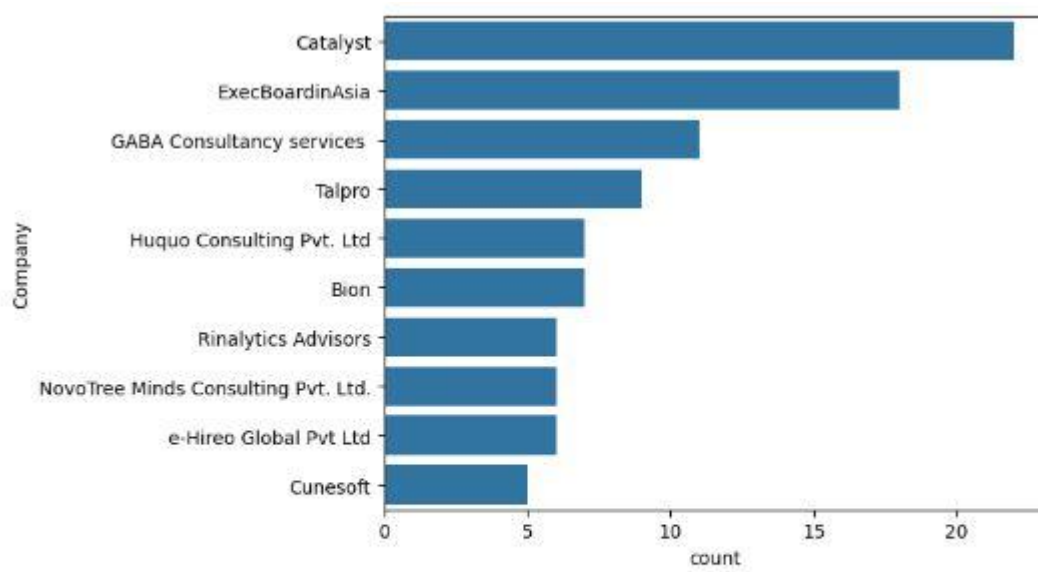- HR/ Recruitment / IR

FIG 6: BAR CHART TO VISUALIZE MINIMUM YEARS OF EXPERIENCE

<Figure size 640x480 with 0 Axes>

- 35% of job postings require only less than 2 years of minimum experience.
- 12% of job postings are suitable for freshers with no experience.

FIG 7: BAR CHART TO VISUALIZE COMPANIES WITH THE MOST VACANCIES

<Figure size 640x480 with 0 Axes>

Majority of job postings are from(Consulting companies)

- Catalyst
- ExecBoardinAsia
- GABA Consultancy services

FIG: PIE CHART VISUALIZING THE TOP LOCATIONS