SABA FATIMA

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Education

Graduation Year	Degree	Institute	Grade
2019-23	BS-CS	IBA	3.3
2017-19	Intermediate	Fatimiyah College	A
2015-17	Matriculation	Al Murtaza School	A-1

Achievements

- Secured A-1 grade in matriculation and was amongst the top ten in school.
- Participated and won inter school art competitions.

Major Reports/ Research Work/Projects

- **Market Segmentation**
  - Performed cluster analysis by using behavioral variables to create market segments.
  - Choose the valid target market from the marketing data by using cluster analysis in R.
- **Supermarket Sales Analysis**
  - Performed EDA on supermarket data that includes handling missing values in the columns.
  - Removing data entry errors, checking for outliers. Performed descriptive analysis using heatmap.
  - Performed inferential analysis using Anova test and T-test using Python.
- **Multiple Linear Regression with Python**
  - Performed data cleaning, feature selection, visualization, and applied regression models in python to analyse and predict house prices.
- **E-commerce website**
  - Developed a full stack E-commerce website implementing MERN.
  - It allowed the users and admin to buy and manage products.
- **Flight Reservation System**
  - Developed a user interface integrated software that facilitated the user to book their trip in the simplest way, using JAVA OOPT concepts and database MS ACCESS.

Work/Internship Experience

- **Data Science Intern (PSO):**
  - Analysed customers data on different factors to determine credit limit accurately.
  - Generated trends of the past data to analyse customer's behaviour in the last 6 months. Tools: Power BI, Tableau, Python.
- **Teaching Assistant – Software Engineering:**
  - Assisted Software Engineering instructor throughout the semester, provided tutorials, answered queries, graded assignments and quizzes.
- **Web Development Intern:**
  - Developed the backend of Sayabidevs' website using Node JS and Express JS, creating REST APIs.

Certifications

- Python for Everybody Specialization by University of Michigan.
- AI for Everyone by Deeplearning.ai.
- KPMG Data Analytics Consulting Virtual Internship.

Skills

Java | Python | R | Knime | Power BI | QlikSense | Tableau | MS Excel | MySQL | Oracle-19c | Node JS | Mongo DB