

Rakshanda Mahajan
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OBJECTIVE:

A highly motivated and detail-oriented Data Analyst with experience in data analysis, data visualization, and data management. Skilled in SQL, Python, Excel, and Power BI. Strong analytical and problem-solving skills, with the ability to extract insights from complex data sets. Proven track record of delivering high-quality work under tight deadlines. A quick learner and team player who is always willing to go the extra mile to ensure project success.

WORK EXPERIENCE:

Capgemini

Jr. Data Scientist

Sep 2021- Currently

ROLE AND RESPONSIBILITIES:

As a Data Scientist at Capgemini, I played a pivotal role in leveraging data to provide valuable insights and support decision-making across various client projects. My responsibilities included:

1. Data Collection and Preprocessing:

Collaborated with cross-functional teams to identify relevant data sources.

Extracted and cleaned data from diverse sources, including structured databases, APIs, and unstructured text documents.

Applied data transformation techniques, handling missing values and outliers, to ensure data quality.

2. Exploratory Data Analysis (EDA):

Conducted comprehensive EDA to gain a deep understanding of the data's characteristics.

Utilized statistical and visualization tools (e.g., Python, Pandas, Matplotlib) to identify patterns, trends, and potential relationships within the data.

3. Model Development:

Developed predictive models using machine learning algorithms such as linear regression, decision trees, random forests, and neural networks.

Fine-tuned models through hyperparameter optimization and cross-validation to achieve optimal performance.

Implemented natural language processing (NLP) techniques for sentiment analysis and text classification tasks.

4. Feature Engineering:

Engineered relevant features from raw data to enhance model performance.

Created custom features and used domain knowledge to improve predictive accuracy.

Model Evaluation and Interpretation:

Assessed model performance using various metrics (e.g., accuracy, precision, recall, F1-score, ROC AUC) and interpreted results.

Explained model predictions to non-technical stakeholders, ensuring transparency and trust in the model's decisions.

5. Data Visualization and Reporting:

Generated interactive data visualizations and dashboards (e.g., Tableau, Power BI) to communicate findings effectively.

Produced comprehensive reports summarizing key insights and recommendations for clients.

Collaboration and Knowledge Sharing:

Collaborated with data engineers and domain experts to ensure alignment between data science solutions and business goals.

Conducted internal knowledge-sharing sessions to keep the team updated on the latest data science trends and techniques.

6. Achievements:

Successfully developed and deployed predictive models that improved client revenue forecasting accuracy by 20%.

Led a project to automate data extraction and preprocessing, reducing data preparation time by 30%.

Presented findings to clients in clear, non-technical language, earning positive feedback and enhancing client relationships.

SPECIALIZED KNOWLEDGE AND SKILLS:

- Python (Pandas, Numpy, Matplotlib, Seaborn, Flask, Plotly, Dash, Sklearn etc.)
- Data Analytics (MySQL, Tableau, PowerBI, Snowflake etc.)
- Databases (SQL and Mongo DB.)
- MS-Office (Advanced Excel, Power point, Word, Access.)
- Team Leader (I lead a group of interns under me, monitor their work and as a team we solve various task.)

- Machine Learning (Linear and Logistic Regression, SVM, Xgboost, Random Forest, Naive Bayes etc.)
- Deep learning (ANN, CNN and RNN)
- NLP (NLTK, Machine Learning, RNN, LSTM etc.)
- Big Data (Hadoop, Kafka and Spark)
- Cloud Services (AWS, Azure, Heroku, Render etc.)
- MLOps (Github Action, CI/CD pipelines, Deployment Techniques In AWS,AZURE)

EDUCATION BACKGROUND:

B.E.

Kit College Of Engineering
Electronics Engineering
Kolhapur

HSC

Chate Jr College of Science
Kolhapur

Achievements/Awards

- Star Award for Excellence
- Social Service

Certifications:

- Full Stack Data Science (ineuron.ai)
- Full Stack Data Analytics (ineuron.ai)
- JNCIA

OTHER SKILLS:

- Proficiency in Microsoft Office Suite (Word, Excel, PowerPoint), e-mail, and internet.
- Strong knowledge of Advanced Excel.
- Strong organizational, presentation, documentation, analytical, oral/ written (English), and interpersonal skills with strong judgment.
- Ability to make effective decisions, manage multiple priorities, exhibit high degree of accuracy and meet deadlines in a highly dynamic environment.
- Ability to be flexible, adapt to change, work independently, as well as part of a team in a matrix environment.

PERSONAL INFORMATION:

Date of Birth: 26-July-1998

Gender : Female

Marital status: Single

Nationality: Indian

Religion : Hindu

Languages: English, Hindi, Marathi

Declaration:

I hereby declare that all the information furnished above is true to the best of my knowledge and belief.

(Rakshanda Mahajan)