KESHAV PREMSAGAR

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EXPERIENCE

Accenture North America   **Job Simulation, Virtual**
Data Analytics and Visualization   July 2024
- Analysing client brief to identify requirements and key tasks to focus as a data analyst.
- Cleaned, merged, and transformed datasets using Excel, creating actionable insights that aligned with client goals.
- Delivered data storytelling and prepared presentations to communicate insights to the client.

Rajiv Gandhi Cancer Institute & Research Centre   **New Delhi, India**
IT Intern   June 2022 – August 2022
- Developed and optimized SQL queries to enhance data retrieval processes.
- Assisted IT professionals with technical tasks, enhancing workflow efficiency and gaining hands-on experience in IT project management.
- Gained proficiency in various software tools used for data analysis project management.

PROJECTS

Data Analysis on Loan Application dataset
- **Objective:** To identify potential biases & develop predictive models through effective dataset preprocessing on a dataset of 45,000 records.
- Implemented clustering & association rule mining to identify patterns within the data.
- Developed predictive models using on machine learning algorithms; fine-tuned hyperparameters, increasing model accuracy by 15%.
- Tools used: Python (Pandas, NumPy, Scikit-learn), Excel.

Sentimental Analysis on Twitter dataset
- **Objective:** To analyse public sentiment on social media regarding a particular topic.
- Preprocessed text data, including tokenization, stopword removal, and vectorization.
- Built & trained Naive Bayes classifier for sentiment prediction, achieving an accuracy of 87%.
- Tools used: Python (NumPy, Pandas, NLTK)

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL, React
- **Python:** NumPy, Pandas, Matplotlib, NLTK, TensorFlow
- **Machine Learning:** Classification, Regression, Clustering
- **Others:** Microsoft Excel, Tableau

EDUCATION AND QUALIFICATIONS

University of Hull   **Hull, United Kingdom**
BSc. Computer Science (2:1)   Sep 2021 – June 2024
Modules included: Advanced Programming; Data Structures, Database Management, Data Analysis, Artificial Intelligence
- Proficient in programming languages, including Python, C#, SQL
- Creating Relational databases to store data
- Proficient in fundamental data structures and their applications in data analysis and programming.
- Solid knowledge of networking principles and database management, contributing to a strong foundation in data handling.
- Experience in working in Agile and Scrum methodologies.