SHREELAASYA VEJANDLA

Tel: 9379726078 | Email: vejandlashreelaasya@gmail.com | seattle, washington, 98121

EXPERIENCE SUMMARY

Experienced Data Engineer adept at handling intricate data migration projects. Skilled in SAP BusinessObjects Data Services (BODS) for batch data injection from relational databases and AWS Athena for streaming data injection from log files. Proficient in transforming and loading data into MongoDB and MySQL databases, with expertise in applying machine learning algorithms for advanced analytics. Experienced in utilizing Power BI tools for impactful data visualization..

DATA ENGINEER, *TCS(TATA CONSULTANCY AND PVT LIMITED)* | *HYDERABAD*   *JUNE 2021 – AUGUST 2023*

- Led data migration projects, utilizing SAP BusinessObjects Data Services (BODS) for batch data injection from relational databases to clients' data warehouses.
- Implemented AWS Glue for ETL procedures, automating data extraction, transformation, and loading processes.
- Utilized AWS Athena for streaming data injection from log files, facilitating real-time data processing and analysis.
- Transformed and loaded data into MongoDB and MySQL databases, ensuring data integrity and quality.
- Utilized machine learning algorithms, such as linear regression and decision trees, for predictive analytics and anomaly detection.
- Collaborated with cross-functional teams to develop and implement data visualization solutions using Power BI tools, enabling stakeholders to gain actionable insights from complex datasets.

DATA ANALYST developer, *HASH done technologies* | *HYDERABAD*   *January 2020 - May 2021*

- Streamlined decision-making by developing interactive Tableau dashboards, leading to a 20% uptick in data utilization across departments by enhancing data visualization and reporting.
- Supported data-driven strategies by performing data mining and cleansing, resulting in a 20% increase in data accuracy and a more efficient decision-making process.
- Ensured a 30% improvement in data quality and consistency by executing rigorous data cleansing processes, utilizing Pandas and NumPy to rectify anomalies in datasets.
- Enhanced database functionality by designing and maintaining MySQL and SQLite schemas, accommodating a 25% growth in data volume and evolving project demands.
- Improved project management by employing Waterfall methodologies for structured tasks, achieving 100% adherence to project timelines and deliverables through meticulous planning and documentation.

TECHNICAL SKILLS

Languages/Tools: Python, SQL, sapbods, kafka, java
Libraries/Frameworks: NumPy.
Business Intelligence: Power BI, Tableau.
Machine Learning: Classification (Random Forest, Decision Trees, SVM), Regression (Linear, Logistic), Clustering (K-means)
Miscellaneous: Microsoft Excel, Statistics, Scrum.
Relevant Coursework: Deep learning, data analysis and algorithms, principals of data science, computer security, cloud computing ,information security analysis, principals of data science

PROJECTS

Traffic prediction   *AUGUST 2023 - DECEMBER 2023*

This project is about traffic prediction here I trained and evaluated the traffic data set using random forest, decision tree and created Metrix and heat maps which shows the correct accuracy.

Bank Profit Prediction   *November 2022 - December 2022*

- Conducted comprehensive analysis of bank sales dataset to forecast profits, extracted information from 1200 banks and engineered various regression models such as Linear Regression, Random Forest, Decision Trees, and Gradient Boosting.

EDUCATION

UNIVERSITY OF MISSOURI KANSASCITY, USA   *August 2022 - May 2024*
Master of Science in data science