Data Analyst/ Data Engineer

TUSHAR TAMBE

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Summary

Postgraduate Diploma in Big Data Analytics Graduate with a solid foundation in data analysis, data engineering, machine learning, and database management. Proficient in SQL, Python, Java, and big data technologies with hands-on experience in data processing and analytics. Strong problem-solving and data-driven decision-making abilities, complemented by excellent communication, teamwork, and adaptability to emerging technologies.

Education

PG Diploma in Big Data Analysis - CDAC Acts, Pune
Percentage – 77.88% (Aug 2024 – Feb 2025)

Bachelor of Engineering in Electronics & Telcomm.
PVG's College of Engineering and Technology & G. K. Pate (Wani) Institute of Management, Pune. (Aug 2019 – April 2023)
CGPA – 8.23/10

Mahatma Gandhi Vidyalaya & Jr. College Manchar, - Higher Secondary certificate
(June 2018 – March 2019)

Skills

- DBMS (MySQL)
- Python
- Java
- Data Visualization (Excel, Tableau, Microsoft Power BI)
- Big Data Technologies (Hadoop, Hive, PySpark, HBase)
- Machine Learning
- Advanced Analytics using Statistics

Projects

Walmart-Sales-Data-Analysis

Technology – MySQL

- Analyzed Walmart sales data using SQL to identify high-performing branches, top-selling products, and customer purchasing trends.
- Performed data wrangling, feature engineering, and exploratory data analysis (EDA) to extract meaningful business insights.
- Improved SQL queries to assess sales performance, revenue trends, and customer segmentation.
- Evaluated sales patterns and branch profitability to enhance business strategies and decision-making.

Fake News Detection

Technology – Machine Learning, Natural Language Processing (NLP), Scikit-learn, Python

- Developed a machine learning-based fake news detection system for article classification.
- Implemented text preprocessing (tokenization, stopword removal, stemming) and TF-IDF for feature extraction.
- Trained classifiers (Naïve Bayes, Random Forest, Decision Tree, SVM, Logistic Regression) using accuracy metrics.

Grocery Sales Prediction – CDAC Project

Technology – Machine Learning, Deep Learning, LSTM, Python, TensorFlow, Pandas, NumPy

- Developed an LSTM-based deep learning model to predict unit sales across multiple retail outlets.
- Utilized item characteristics, store attributes, holiday effects, and promotions for feature extraction.
- Applied data preprocessing, feature engineering, and time series analysis to improve model accuracy.
- Improved inventory and sales strategies by evaluating model performance using accuracy metrics.