MUHAMMED MURSHID PP

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Education

University Of Central Lancashire, Preston, United Kingdom **2023 - 2024**

- Master of Science in Applied Data Science

P.A College of Engineering (VTU, India) **2019 - 2023**

∉ Bachelor of Engineering in Computer science | *GPA: 3.3/4*

R.G.M. Higher Secondary School, India **2017 - 2019**

- Computer Science | *(Grade 12), A-levels: 89%*
- *(Grade 10), GCSE: A* grade*

Skills

Python | MySQL | Tableau | Machine Learning | Data Science | Data Analysis | Pandas | Word | PowerPoint

Work Experience

Codelab Systems | Data Analyst Intern **Sep'22 Nov'22**

- Conducted data analysis using MySQL and Python. Implemented linear regression for sales prediction over time.
- Developed Tableau dashboard contributing to KPI development.

Projects

New York Taxi Trip Duration Prediction

This project delves into forecasting journey times using NYC Yellow Taxi Ride Data for January 2016 sourced from NYC.gov.

- Utilized NYC Yellow Taxi Ride Data for January 2016 to forecast journey times and Employed preprocessing techniques such as winsorization and dummy encoding for data preparation.
- Implemented machine learning models including XGBoost Regressor, Random Forest Regressor, and Multiple Linear Regression for prediction, with XGBoost Regressor demonstrating superior performance.

Pizza Sales Dashboard

This project involved the analysis of pizza sales data using MySQL server and the development of a Key Performance Indicator (KPI) and performance dashboard in Tableau Desktop.

- Analyzed pizza sales data using MySQL Server for insights into sales volume, revenue, and customer preferences.
- Developed a dynamic KPI and performance dashboard in Tableau Desktop to visualize key metrics such as sales trends, customer segmentation, and product performance indicators.

Hotel Booking

This project aimed to revolutionize booking management in the hotel industry by leveraging machine learning techniques and exploratory data analysis (EDA) on hotel booking data.

- Conducted comprehensive exploratory data analysis (EDA) using DataExplorer, explore, and SmartEDA tools to understand hotel booking trends and patterns.
- Developed predictive models to anticipate reservation cancellations, enabling proactive decision-making and tailored incentives for improved booking retention.

Certificates

- Getting Started with Enterprise Data Science - IBM
- Ask Questions to Make Data-Driven Decisions - Grow with Google on Coursera
- Prepare Data for Exploration - Grow with Google on Coursera
- Foundations: Data, Data, Everywhere - Grow with Google on Coursera
- Python 101 for Data Science - Cognitive Class
- Machine Learning with Python - Cognitive Class
- Fundamentals of Red Hat Enterprise Linux - Red Hat