

MOHAMMED SINAAN PK

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SUMMARY

Aspiring Data Analyst with a solid foundation in data science and practical experience applying statistical analysis and predictive modeling to solve business problems. Built a churn prediction model using Python and scikit-learn, emphasizing data cleaning, feature engineering, and model evaluation. Proficient in SQL, Excel, and visualization tools like Power BI. Skilled in deriving actionable insights through EDA and automating reports to support data-driven decision making.

SKILLS

Languages Python, SQL, HTML

Data Handling Pandas, NumPy

Visualisation Power BI, Matplotlib, Seaborn

Database MySQL, PostgreSQL

Excel

PROJECTS

E-Commerce Customer Churn Analyzer

Built a classification model to predict customer churn (no purchase in 90 days) using ML techniques. Performed preprocessing, feature selection, and trained models like Random Forest and SVM. Achieved strong performance in identifying at-risk customers to support retention efforts.

Library Management System using SQL

Built a fully functional relational database for managing a library system. Designed and implemented normalized tables for books, employees, branches, customers, issue and return tracking. Wrote over 15 complex SQL queries including joins, aggregation, filtering, and nested queries for data retrieval and reporting.

Coronavirus Data Visualization and Analysis in Power BI

Built a dynamic Power BI dashboard to analyze global COVID-19 data. Integrated time-series trends and interactive map visuals to monitor case distribution, recoveries, and death rates across regions. Utilized slicers, drill-through and custom visuals to derive actionable insights from public health datasets.

EDUCATION

Data Science and Machine Learning

2024-2025

Entri software private limited, Kakkanad

Bachelor of Computer Application (BCA)

2021-2024

Nirmala college of arts and science, Chalakudy

CERTIFICATES

Data Science and Machine Learning - Skill India & National Skill Development Corporation (NSDC)

Bachelor of Computer Application - University of Calicut

PowerBI Workshop - Office Master