MOHAMMED SINAAN PK

Thrissur | sinaan2604@gmail.com | 8943184777 | github.com/sinaanzin | linkedin.com/in/sinaanpk

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.

TECHNICAL SKILLS

- Languages Python, SQL, HTML
- Data Handling Pandas, NumPy
- Visualisation Power BI, Matplotlib, Seaborn
- Database MySQL, PostgreSQL
- Other Tools Excel, Chatgpt

SKILLS

Communication, Creativity, Teamwork, Time Management, Adaptability

PROJECTS

1. E-Commerce Customer Churn Analyzer

- Built an end-to-end churn prediction model (no purchase in 90 days) using machine learning.
- Implemented a full ML workflow including data preprocessing, feature engineering, and model training (Random Forest, SVM).
- Effectively identified at-risk customers to support retention efforts.

2. Library Management System using SQL

- Built a fully functional relational database for a library management system.
- Designed normalized tables for books, employees, branches, customers, and transactions.
- Wrote 15+ complex SQL queries using joins, aggregations, filtering, and nested logic for reporting and data retrieval.

3. 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 maps to track cases, recoveries, and death rates.
- Used slicers, drill-through, and custom visuals to extract actionable insights from public health data.

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 by Office Master