KHADEER BASHA K

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PROFILE

Dedicated and results-driven Data Analyst with a strong foundation in statistical analysis, data visualization, and data mining techniques. Experienced in transforming complex datasets into actionable insights to drive business decisions and enhance operational efficiency. Proficient in SQL, Python for data manipulation and analysis.

EDUCATION

- Vellore Institute of Technology – Vellore
  Integrated M.Sc. Computational Statistics and Data Analytics   **2020 Sep – 2025 Jun**
  CGPA – 7.90
- N. Krishnaswamy Mudaliar Higher Secondary School – Vellore
  10th grade – 83%   **2017 - 2018**
  12th grade – 68%   **2019 - 2020**

SKILLS

- ➢ Programming Languages – Python, Pandas, Numpy, SQL
- ➢ Data Visualization – Excel, Power BI
- ➢ Statistical analysis, Time-series & Regression analysis, ML

KEY COMPETENCIES

Critical thinking skills

Excellent communication skills

Problem-Solving skills

CERTIFICATES

- Data Analysis with Python 🔗
- SQL for Data Science 🔗
- From Excel to Power BI 🔗

PROJECTS

- **Multiple Disease Prediction System using ML** 🔗

Developed a predictive system to diagnose Diabetes, Heart Disease, and Parkinson's using user-input medical parameters and ML models. Deployed a real-time, user-friendly web interface with Streamlit.

Achievements: Achieved accuracies of 75.32% (Diabetes), 82.38% (Heart Disease), and 87.41% (Parkinson's), with corresponding AUC scores of 0.81, 0.90, and 0.93 respectively.

Impact: Enabled early-stage disease detection and decision support for healthcare professionals and patients via an accessible web-based tool.

- **Data Analysis on Domestic Airlines in India** 🔗

Researched passenger trends and customer satisfaction within India's domestic airline industry. Used SARIMA to forecast number of passengers and Random Forest to predict satisfaction levels. Conducted thorough data analysis, developed models, and enhanced the overall travel experience.

Achievements: Successfully utilized predictive modeling to increase passenger travel and improve satisfaction within India's domestic airlines, based on insightful data analysis.

SPOKEN LANGUAGES

English, Tamil, Hindi, Urdu