Kirubadevi G

Data Analyst | Software Developer

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in linkedin.com/in/kirubadevi07 github.com/kiruba-07 🔗 portfolio

PROJECTS

Telecom Customer churn prediction
- Developed a customer churn prediction model using **XGBoost (XGBClassifier)**, achieving **high predictive accuracy**.
- **Preprocessed telecom data** by applying **label encoding** and removing **irrelevant features** to improve model performance.
- Evaluated **model performance** using **confusion matrix**, **classification metrics**, and **ROC-AUC score** for reliable assessment.
- Performed **EDA and feature importance analysis** to uncover churn drivers, and **developed a Power BI dashboard** to visualize patterns and support decisions.

HR Analytics to track employee performance
- **Data Processing** – Collect, clean, and preprocess employee data (work hours, projects, feedback, attendance).
- **EDA & Trends** – Analyze productivity patterns using **Pandas, Matplotlib, Seaborn.**
- **ML Prediction** – Build and optimize Decision Trees, Random Forest, Regression models.
- **Insights & Actions** – Visualize results and recommend HR strategies for performance improvement.
- **Developed Tableau dashboard** to visualize and decision makings.

PROFESSIONAL EXPERIENCE

Data Analyst intern
Cyfotok Infosec
11/2024 – 05/2025 | Coimbatore, India
Data cleaning, SQL querying, data visualization, problem-solving, and communication of data-driven insights.

EDUCATION

B.Sc.Computer science
Sri Krishna Adithya college of arts and science
2021 – 2024 | Coimbatore, India
CGPA - 9.2

PROFILE

Motivated and detail-oriented individual with skills in data analysis and software development. Familiar with Python, data manipulation, visualization, and basic machine learning concepts. Interested in problem-solving, learning new technologies, and using data to support better decisions.

SKILLS

Technical Skills
- Programming languages: Python,SQL
- Data Analysis and Visualizations: Data Modeling, Data Quality, Data Visualization, EDA process, Dashboards, Analysis tools

Tools
- Data Visualization Tools: Microsoft powerBi, Tableau, Excel,
- Development & programming Tools: VsCode, MySQL, PyCharm, GitHub

CERTIFICATES

ICT Academy 🔗
- Learned **Microsoft Power BI** for data visualization and reporting.

SCALER 🔗
- **Python Essentials for Beginners** – Completed essential python concepts

SIMPLILEARN 🔗
- covered **fundamentals of programming**, **data types**, **control structures**, and **functions**.

INFOSYS|Springboard 🔗
- **BI Tools** and **Tableau Analytics-** Learned to create charts, Dashboards and reports using Tableau tools