Darshan S - **Data Analyst**

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LinkedIn Link | Portfolio | GitHub

Career Objective

Aspiring Data Analyst skilled in SQL, Python, Power BI, and Excel with experience in data cleaning, visualization, and predictive modeling. Passionate about leveraging data to provide actionable insights and support business decision-making.

Technical Skills

- **SQL**: Joins, Subqueries, Window Functions, Aggregation's, Data Manipulation
- **Python**: Pandas, NumPy, Matplotlib, Seaborn, Plotly, Scikit-Learn, Data Cleaning, EDA
- **Power BI**: Dax, Dashboard Creation, KPI Analysis, Data Modeling
- **Excel**: Pivot Tables, Lookup Functions, Data Cleaning, Power Query
- **Statistics & Probability**: Business data analysis using descriptive & inferential statistics, hypothesis testing, regression, classification, and risk analysis.
- **Soft Skills**: Adaptability, Quick Learning, Problem-solving, Story-Telling, Critical thinking, Communication and team collaboration

Education

- **B.E.** in AI and Data Science Engineering
  Global Academy of Technology, Bengaluru (2025) - CGPA: 7.71

- **Diploma** in ME
  KS Polytechnic, Bengaluru (2022) – 72%

Internship Experience

Data Science Intern
Hex Softwares (Aug 2025 - Sep 2025)

- Performed data cleaning, EDA, and visualization on multiple datasets (Diabetes, Iris, Titanic, Covid-19) using Python.
- Built and evaluated machine learning models (Logistic Regression, Random Forest, SVM, KNN) to improve prediction accuracy.
- Applied preprocessing techniques (handling missing values, encoding, scaling) to enhance model performance.
- Assessed models using accuracy, precision, recall, and F1-score, selecting the best-performing algorithms.
- Developed predictive solutions (Loan Eligibility, Housing Price Prediction) that provided actionable business insights.

Projects

1) Product Sales Analysis Using Python (Python, Pandas, NumPy, Matplotlib, Seaborn, Colab)

- **Objective**: Merged 12 months of sales data to uncover trends & optimize inventory.
- **Key Insights**: Identified best-selling products & peak sales months for revenue optimization.
- **Extracted key features**: Month, City, Sales, Order Time, and More.
- Performed Exploratory Data Analysis (EDA) to answer critical business questions.
- **GitHub**: Product Sales Analysis

2) Blinkit Sales Analysis Dashboard (Power Query, Power BI)

- **Objective**: Designed an interactive dashboard to analyze Blinkit's sales performance and customer trends.
- **Key Insights**: Discovered top-performing products, customer purchase patterns, and revenue drivers across regions.
- **Extracted key features:** Performed ETL (data cleaning & transformation), built KPIs, and created dynamic visuals for category-wise and time-based sales analysis.
- **GitHub**: Blinkit Sales Analysis

3) Financial Bank Loan Analysis (Excel, Power BI)

- **Objective**: Analyzed loan application data to uncover customer behavior and loan approval patterns.
- **Key Insights**: Highlighted factors influencing loan approvals, enabling better risk assessment and customer targeting.
- **Extracted key features:** Conducted data cleaning, built KPIs, and developed dashboards to validate findings and support decision-making.
- **GitHub**: Financial Bank Loan Analysis

4) Credit Risk Prediction System (Python, Statistical and ML libraries, Random Forest, Streamlit, Netlify)

- Developed a machine learning model to predict loan default probability, improving financial risk assessment.
- Conducted EDA on an imbalanced dataset and identified key factors (credit amount, loan duration, payment history).
- Built a full pipeline with preprocessing, feature engineering, and a Random Forest Classifier; achieved strong Precision, Recall, and F1-Score.
- Deployed an interactive Streamlit app on Netlify for real-time predictions.
- **GitHub:** Credit Risk Prediction

Certifications

- Data Science for engineers - NPTEL
- Excel Dashboards & Power BI Bootcamp - Udemy
- Python Basic Certificate – Hacker Rank
- Power BI Workshop – Office Master