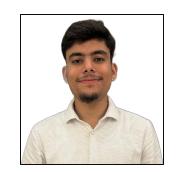# ABDUL SAMAD
DATA ANALYST
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OBJECTIVE

I am a results-driven Data Analyst with expertise in data visualization, business intelligence, and machine learning. Leveraging tools such as Power BI, SQL, Python, and Excel, I specialize in delivering actionable insights to enhance decision-making and drive business success. With a strong proficiency in advanced visualization techniques and data-driven analysis, I have successfully contributed to numerous Data Analyst projects, providing impactful solutions and measurable outcomes. My goal is to utilize my technical skills and analytical mindset to effectively address complex challenges and add value to any organization.

EXPERIENCE

Data Analyst – Diamond Super Market [JUNE-2024]

- Designed and implemented comprehensive dashboards and reports to support business decision-making.
- Collaborated with cross-functional teams to gather, preprocess, and analyze data for actionable insights.
- Delivered financial, sales, and risk analyses tailored to business needs.

PROJECT HIGHLIGHTS

1. Finance Dashboard

- Built an intuitive Power BI dashboard to track personal financial metrics, including **income**, **expenses**, and **debt management**.
- Incorporated alerts, notifications, and dynamic KPIs for real-time monitoring.
- Enabled users to identify trends, set targets, and optimize financial health.

2. Risk Management Dashboard

Leveraging data **visualization** tools, I developed interactive dashboards to track and monitor equipment defect trends, identify critical issues, and prioritize mitigation efforts. This data-driven approach resulted in a significant

reduction in **equipment failures**, improving overall system reliability and operational efficiency. By analyzing defect patterns, severity, and likelihood, I was able to implement targeted maintenance strategies and reduce downtime, ultimately contributing to increased productivity and cost savings.

2. Income Statement Dashboard

- Developed a Power BI dashboard to compare financial data across two fiscal years.
- Utilized Power Query for data transformation and created an optimized data model for indepth analysis.
- Delivered a clean and interactive visualization for financial comparison and decision-making.

3. Internal Audit & Expense Analysis Dashboard

- Visualized risk ratings, audit outcomes, and high-risk areas using pie charts, maps, and treemaps.
- Built an Expense Analysis dashboard showcasing departmental spending patterns with Sankey diagrams and bar charts.
- Provided insights for better **risk management** and **cost control**.

4. Sales & Purchase Ratio Analysis Dashboard

- Analyzed **sales and purchasing trends** through interactive dashboards in Power BI.
- Evaluated brand relationships, warehouse metrics, and vendor performance for strategic optimization.
- Delivered actionable insights for year-over-year sales and purchase trends.

5. End-to-End Supermarket Sales Prediction

- Built a **Random Forest Regressor** model for sales prediction using a comprehensive dataset.
- Implemented **feature engineering**, scaling, and model evaluation to achieve high accuracy with minimal error.
- Developed expertise in the complete **machine learning pipeline**, from preprocessing to deployment.

6. Order Data Analysis

- I conduct analysis using Python, Pandas, SQL, and SQL Server, involving data import, cleaning, pre-processing,. and loading into SQL Server. I then performed in-depth analysis with SQL queries to derive meaningful insights from the dataset.

SKILLS

- **Business Intelligence:** Power BI, Excel, Microsoft Fabric
- **Programming:** Python (Pandas, NumPy, Matplotlib, Seaborn), SQL
- **Data Engineering:** PySpark, SQL Server
- **Machine Learning:** Random Forest, Feature Engineering, Model Evaluation

- **Web Development for Analytics:** Flask, Streamlit
- **Big Data Tools:** Experience with scaling datasets and handling large data processing. □ **ERP:** Sap B1

EDUCATION

- **BS in Artificial Intelligence** – Dawood University of Engineering and Technology (DUET)
- **Certified Artificial Intelligence Developer** – PIAIC □ **Certified Python Developer** – Ehunar

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ADDITIONAL HIGHLIGHTS

- Proven ability to manage and improve reporting processes while ensuring regulatory compliance.
- Adept at transforming complex datasets into **clear**, **actionable insights** for decision-making.
- Passionate about advancing skills in **data science** and **data analysis** within the business sector.