ATUL ANAND

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Objective

A **Analytical professional** with expertise in **SQL, Power BI, and statistical analysis**, Committed to transforming complex datasets into **actionable insights**. Attempting to apply **advanced analytics and predictive modeling** to help businesses **improve efficiency, maximize profitability, and drive data-driven decision making**.

Skills

Programming:	Python	SQL
Database Management:	MySQL	RDBMS	Data Modeling	Query Optimization	Indexing
Data Analysis & Visualization:	Pandas	NumPy	Power BI	Excel	Matplotlib	Seaborn	Data Storytelling
Statistical Analysis:	Regression Analysis	Hypothesis Testing	A/B Testing	Probability Distributions
Business Intelligence:	Power BI (DAX	Data Modeling	Data Transformation)	KPI Dashboards
Tools & Technologies:	Git	Jupyter Notebooks	SQL Performance Tuning (Indexing	Query Optimization)

Projects

- **Inventory Analysis (End-to-End)** *Apr 2025*
  *Tools: **MySQL, Power BI, SQL (CTEs, Window Functions), DAX*** Project Repository
  - Analyzed **276,390 product inventory records** from raw web data, uploaded and structured in MySQL, to evaluate stock movement, procurement windows, and lifecycle performance.
  - Identified **3,790 deadstock** items worth **$850K (0 sales)**, recommending rationalization strategies projected to unlock **$8.22M** in potential **revenue**, representing approximately
  - Engineered **purchase gap analysis** using SQL (**LEAD/LAG**, **DATEDIFF**), mapped **stocking behavior** (**Overstocked**, **Understocked**, **Balanced**), and monitored **stock-to-sales efficiency** across **47,020 active SKUs**.
  - Built **Power BI dashboards** by connecting **MySQL views**, visualizing **ABC category trends**, **vendor-level contribution**, and flagged **underperforming brands**—enabling **data-driven procurement and stocking decisions**.

- **Sales Profitability and Trends** *Sep 2024*
  *Tools: **MySQL, Power BI*** Project Repository
  - **Analyzed** Superstore sales data to identify key **profitability trends** across products and customer segments.
  - Identified **top-performing product segments** and provided **data-driven recommendations** for **marketing** and **inventory optimization**.
  - Found a **-0.63 correlation** between **discount levels** and **total profit**, leading to a **new pricing strategy** projected to **increase profitability by 5%**.
  - **Designed interactive dashboards** in **Power BI** to visualize **KPIs** and enable **real-time decision-making**.

- **Predicting Bankruptcy with Machine Learning** *Feb 2024 - Mar 2024*
  *Tools: **Python, Pandas, NumPy, Matplotlib, Seaborn*** Project Repository
  - **Built a predictive model** with **95% accuracy** to classify **bankruptcy risk** from historical financial data.
  - Applied **data preprocessing, EDA, and feature engineering** to enhance model accuracy.
  - Evaluated **model performance** using **accuracy, precision, recall, and F1-score** and analyzed key **bankruptcy risk drivers**.

Education

- **Central University of Haryana** *Nov 2022 - July 2024*
  MCA Mahendergarh , Haryana
  - GPA: 7.84/10.00

- **College of Commerce , Arts & Science ; Magadh University** *Dec 2020*
  B.sc IT Patna, Bihar
  - Percentage: 61.93%

Certifications

PANDAS | **PYTHON** | **DELOITTE (Data Analytics)**