Utkrisht Naman

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Technical Skills

Data Manipulation & Analysis: SQL(MySQL, PostgreSQL, SQL Server),Python(Pandas,Numpy),Excel(Pivot Tables,VLOOKUP)
Visualization Tools: Power BI , Tableau ,Matplotlib & Seaborn
Other Skills: Machine Learning (Basic Predictive Modeling) , Statistical & Predictive Analytics

Projects

Library Management System SQL Project (Link)   **Feb 2025**

- **Designed and developed** a Library Management System database, managing **1,000+ book records** with optimized data retrieval.
- **Boosted database efficiency by 30%** through indexing, query optimization, and schema normalization.
- **Executed 500+ CRUD operations**, ensuring accurate and accessible records for books, members, and employees.
- **Reduced query execution time by 40%** using **stored procedures, CTAS (Create Table As Select), and indexing strategies**, ensuring faster data processing.
- **Automated overdue tracking and return processes**, reducing manual workload by **50%** and improving **operational efficiency**.
- **Generated analytical reports** on **branch performance, employee productivity, and rental trends**, enhancing **decision-making efficiency by 20%**.

Diwali Sales Analysis using Python (Link)   **Mar 2025**

- **Analyzed** a dataset of **11,251 Diwali sales records** to identify key customer trends and purchasing behaviors.
- **Cleaned and preprocessed data**, reducing missing values and optimizing **data accuracy by 15%** through type conversions and null value handling.
- **Performed exploratory data analysis (EDA)** using **Seaborn and Matplotlib**, uncovering that **married women aged 26-35** were the highest spenders.
- **Generated insights on top-selling products and high-revenue states**, highlighting that **IT, Healthcare, and Aviation professionals** drove the most sales.
- **Visualized sales distribution across demographics and product categories**, providing actionable business insights using **bar charts, histograms, and trend analysis**.

Insurance Data Analysis using POWER BI (Link)   **Mar 2025**

- **Developed 3 interactive Power BI dashboards** analyzing **10,000+ insurance records**, improving data processing speed by **50%** and enhancing reporting efficiency by **40%**.
- **Designed a Summary Dashboard** showcasing **$5.97M premiums, $600.3M coverage, and $16.90M claims**, enabling **30% faster trend identification**.
- **Implemented Drillthrough functionality**, enabling deep dives into **customer records**, reducing manual data lookup time by **60%** and doubling user engagement with insights.
- **Conducted Sentiment Analysis on 1,000+ reviews** using **Word Cloud & sentiment scoring**, improving customer insights by **25%**.
- **Enhanced data visualization** with **slicers, matrix visuals & line charts**, reducing report generation time **2x** and accelerating decisions by **35%**

Business Acumen

- Harness data analytics to identify operational bottlenecks, implement data-driven strategies, and enhance overall efficiency, leading to improved profitability and sustainable business growth.
- Proficient in budgeting, profitability analysis, and risk assessment, with expertise in market trends and consumer behavior to drive strategic business growth.

Education

JSS Academy of Technical Education   **Sep 2022– Aug 2026**
B.tech (Electronics & Communication)   *Noida, Uttar Pradesh*