Abhishek Bishnoi

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FUNCTIONAL AREA

- Data Analysis
- Data Visualization
- Business Intelligence Analysis
- Statistical Analysis

TECHNICAL SKILLS

- **Advanced Excel** – Pivots, Charts, VLOOKUP, Data Validation, Power Query, Power Pivot, Conditional Formatting, Data Manipulation.
- **MYSQL –** ETL, Joins, Keys, Functions, DDL, DML, DQL, Database, window functions
- **Power BI –** Extract Transform & Load(ETL), Power Query Editor, DAX, Parameters, Power BI Desktop, Dashboards, Reports.
- **Python** - NumPy, Pandas, Matplotlib, Seaborn
- **Version Control -** Git , GitHub

WORK EXPERIENCE

Shri Karni Sahay Shikshan Association

MIS Executive | Nov 2022 - Dec 2024

- Analyzed large datasets using **Power BI, and Excel**, leading to **data-driven decision-making**.
- Designed **automated Excel dashboards** with **Pivot Tables, Power Query, and Macros** to track key business metrics.
- Conducted **trend analysis** on performance data and provided **actionable insights** to senior management.
- Created **data visualizations in Power BI** for performance tracking and business intelligence.
- Improved data processing efficiency by **20%** by implementing **ETL processes** in Power BI.

PORTFOLIO PROJECTS

1. **McDonald's Sales Analysis:**
    - Developed an **interactive Excel dashboard** analyzing **100K+ transactions**, identifying **peak sales hours (12-9 PM) and top-performing items (Big Mac, Fries)**.
    - Enhanced **data accuracy by 99%** using **Power Query for cleaning, transformation, and standardization**, reducing inconsistencies.
    - Uncovered **8 key business insights**, revealing **weekend sales spikes (+15%) and high-revenue categories (Burgers, Shakes)**, driving **data-backed pricing and inventory decisions**.

2. **Walmart Data Analysis:**
    - Built an end-to-end data analysis solution using **Python, Pandas, NumPy**, and **MySQL** to analyze Walmart sales data.
    - Identified **top-selling categories**, such as Fashion Accessories ($192K+ profit), and branches with major revenue declines (WALM045 ↓62.62%).
    - Automated **data cleaning, feature engineering**, and SQL queries to improve decision-making and operational efficiency.
    - Integrated Kaggle API for data retrieval and **SQLAlchemy** for database connectivity, ensuring a scalable data pipeline.

3. **Mobile sales dashboard**:
    - Designed a **Power BI dashboard** to analyze ₹769M in total sales, 19K items sold, and 4K transactions, showcasing **key metrics** such as sales trends, customer ratings, and payment method distribution.
    - Incorporated **Year-over-Year (YoY)** and **Month-to-Date (MTD)** comparisons for tracking performance and identifying **growth opportunities**.
    - Visualized **city-wise sales**, **brand performance**, and **mobile model popularity**, aiding in **strategic decision-making** for revenue optimization.

EDUCATION

Master of Science (M.Sc.) in Information Technology

SKD University, Hanumangarh

Graduated: 2024 | percentage :72%

Bachelor of Science (B.Sc.) in Computer Applications

Panjab University, Chandigarh

Graduated: 2022 | Percentage: 75.65%

CERTIFICATIONS

- **Getting Started with Microsoft Excel** – *Coursera Project Network* (Jan 30, 2025)
- **Data Visualization: Empowering Business with Effective Insights** – Forage (Feb 10, 2025)