

# UPASANA BARA

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## PROFESSIONAL SUMMARY

Entry-level Data Analyst with hands-on experience analyzing business and healthcare datasets using Python, SQL, Excel, and Power BI. Strong in data cleaning, exploratory data analysis, dashboard development, and translating data into actionable business insights. Proven ability to work with transactional, customer, and healthcare data. Seeking a Data Analyst role to support data-driven decision-making.

## TECHNICAL SKILLS

**Languages & Tools:** Python (Pandas, NumPy), SQL, Excel, Power BI

**Analysis:** Data Cleaning, Exploratory Data Analysis (EDA), KPI Reporting

**Visualization:** Matplotlib, Seaborn, Excel Dashboards, Power BI (DAX, Power Query)

**Database:** Joins, Aggregations, CTEs, Window Functions

**Soft Skills:** Analytical Thinking, Communication, Time Management

**Other:** Jupyter Notebook, GitHub

## PROJECT EXPERIENCE

### Bank Term Deposit Subscription Analysis | Python

- Analyzed banking customer data to identify factors influencing term deposit subscriptions.
- Performed data cleaning and exploratory analysis on demographics and campaign variables.
- Identified key drivers, including call duration and previous campaign outcomes.

### Pizza Sales Analysis | SQL Server

- Queried 4 relational tables to extract key sales insights.  
And **data modelling** in **Excel**.
- Used **joins, CTEs, and aggregations** for analysis.
- Identified the top 5 pizzas driving 60% of revenue.
- **Optimized queries**, reducing run time by 25%.

### Online Retail Customer Analysis | Python

- Analyzed online retail transactions data to understand customer purchasing behavior.
- Identified high-value customers and repeat purchase patterns.
- Generated insights to support customer segmentation and retention strategies.

### Coffee Sales Analysis | Excel

- Cleaned and analyzed 200+ sales records using **Power Query**.
- Built an **interactive dashboard** with **KPIs** and **pivot charts**.
- Found 47% sales growth (Feb–Mar) and (Sept–Oct) showing seasonal trends.
- **Automated reports**, cutting manual work by 30%.

### Diabetes Risk Analysis | Python

- Analyzed patient health data to identify key risk factors associated with diabetes.

- Evaluated relationships between glucose levels, BMI, age, and diabetes occurrence.
- Generated data-driven insights to support early risk identification.

#### **Cancer Risk Factors Analysis | Power BI**

- Created a **Power BI dashboard** for 2K+ patient records.
- Used **DAX** for **KPIs** (Avg Age, BMI, Total patients).
- Built interactive visuals showing risk factor patterns.
- Improved analysis accuracy by 40%.

#### **EDUCATION**

B.Tech in Civil Engineering  
Master's in Finance

Central University of Jharkhand | Aug 2014 – Sep 2018  
Symbiosis Center for Distance Learning | Aug 2020 – Sep 2022

#### **CERTIFICATIONS**

- Basic to Advanced Microsoft Excel – Skill Nation
- Basic to Advanced Microsoft Power BI – Skill Nation
- German Language Course Level 1 & 2 – SevenMentor Pvt Ltd