

PARTHIV H. BHAYANI

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[Portfolio \(Click Me\)](#)

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EDUCATION

Sarvajanik College of Engineering and Technology, Surat, Gujarat, India

Sep 2020 – May 2024

Bachelor of Engineering in Information Technology

CGPA : 9.09/10

Aspire Public School, Surat, India

June 2018 – Apr 2021

XIIth Science

Per: 81%

TECHNICAL SKILLS

- **Tools** : Power BI, Advance Excel (VBA), Tableau
- **Languages** : Python, SQL
- **Python Libraries** : Pandas, Numpy, Seaborn, Matplotlib
- **Databases** : My SQL, PGsql

WORK EXPERIENCE

Data Analyst / Finestar Jewellery & Diamonds Pvt Ltd(Vaghasiya Enterprise), Surat, India

March 2024 – Present

- Leveraged **Power BI** and **Advanced Excel** to analyze and report diamond data, including stock, sales, upcoming stones, and new arrivals, delivering actionable insights to owners and management.
- Created interactive Power BI dashboards, such as:
- **Diamond Inventory Dashboard** : Monitored manufacturing stock levels, identified overstock, and forecasted production needs.
- **Diamond Sales Dashboard** : Tracked daily company sales performance.
- **Market Comparison Dashboard** : Provided insights into market trends and competitive positioning.
- Developed **live dataflows** in Power BI for real-time updates, enabling timely decision-making.
- Produced advanced Excel reports and analyses tailored to urgent business requirements, utilizing tools such as Power Query, pivot tables, and custom formulas.
- Streamlined factory operations by automating manual tasks with Excel tools, significantly reducing processing time and improving efficiency.
- Conducted trend analyses on diamond data to uncover actionable insights, enhancing decision-making across inventory, sales, and market strategies.

PROJECTS

[Diamond Sale Dashboard \(Power BI\)](#)

- Developed an **interactive Power BI dashboard** to track key sales metrics like total pieces sold, sales value, carat weight, and average discount, with **real-time updates**.
- Visualized sales by shape, color, clarity, size range, and market (e.g., USA, India), enabling trend identification and performance analysis.
- Integrated filters and comparative analysis across time periods and regions to support **data-driven decision-making**.
- Streamlined insights into sales value and carat trends, aiding strategy development and performance tracking.

Company Comparison Dashboard (Power BI & Advance Excel)

- Developed a **Power BI dashboard** to compare sales performance, growth rates, and product trends between two companies over a set period.
- Performed **data cleaning and transformation** using Advanced Excel tools like Power Query, pivot tables, and conditional formatting for actionable insights.
- Analyzed metrics including total value, carat weight, sales cycle, and product proportions (round vs. fancy), providing clear company comparisons.
- Highlighted key KPIs such as **growth rate by value, price per carat (PPC) trends, and sold proportions**, supporting strategic decisions.
- Integrated monthly and quarterly insights, enabling effective identification of market gaps and opportunities.
- Created an interactive, user-friendly interface with dynamic filters for detailed analysis.
- Used Power BI **DAX measures** to calculate custom KPIs like **YoY growth, PPC, and product proportions**, optimizing data analysis with functions like **CALCULATE, FILTER, and DIVIDE**.

Diamond Inventory Dashboard (Power BI)

- Built a **dynamic Power BI dashboard** to track diamond stock based on carat, value, and piece count, offering **location-wise and range-specific analysis**.
- Highlighted inventory distribution across regions (e.g., Surat, South Africa, Botswana) and categorized data by clarity, color, and size range for in-depth stock evaluation.
- Supported operational planning by providing actionable insights into overstock, production needs, and inventory optimization.
- Enabled real-time monitoring with intuitive filters and visual tools to simplify complex datasets for strategic decision-making.
- Combined tabular data views with graphical insights for better transparency and accessibility across teams.

Vrinda Store Data Analysis (Advance Excel)

- Conducted **data analysis in Excel** to evaluate sales, product trends, and customer behavior for Vrinda Store.
- Utilized **Advanced Excel tools** including pivot tables, slicers, and data cleaning techniques to organize and extract meaningful insights.
- Designed interactive visualizations with **pie charts, bar charts, and line charts** to effectively represent sales trends and product performance.
- Added **slicers** for dynamic filtering, enabling detailed analysis by time periods, product categories, and regions.
- Delivered actionable insights to drive decision-making and improve store performance.

Covid-19 Data Exploration (SQL)

- Conducted **in-depth EDA on COVID-19 datasets** using SQL to uncover trends, patterns, and anomalies.
- Analyzed data by segments, such as identifying continents with the highest death count per population.
- Applied advanced SQL techniques, including **joins, CTEs, temporary tables, window functions, aggregate functions, data type conversions, and views** for comprehensive analysis.

Diwali Sales – Exploratory Data Analysis (Python)

- Cleaned and manipulated sales data for accurate analysis.
- Conducted **EDA** using **pandas, matplotlib, and seaborn** to uncover insights and trends.
- Enhanced customer experience by identifying key segments based on **state, occupation, gender, and age group**.
- Optimized sales strategy by identifying top-selling product categories and specific products, aiding inventory planning and demand forecasting.