PARTHIV H. BHAYANI

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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 performance across **7+ categories**, including shape, color, clarity, size range, and markets (e.g., USA, India), enabling identification of **10% growth trends** and underperforming segments.
- Integrated dynamic filters and comparative analysis, allowing users to analyze data across **quarterly and yearly time frames** and across **5+ regions**, supporting **50% faster decision-making**.
- Streamlined insights into sales value and carat trends, contributing to **$1M+ in strategic optimizations** and enhanced 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 of **5 years**.
- Performed **data cleaning and transformation** using Advanced Excel tools like **Power Query**, pivot tables, and conditional formatting, ensuring **99% data accuracy** for actionable insights.
- Analyzed key metrics, including **total value, carat weight, sales cycle efficiency (20% improvement),** and **product proportions (round vs. fancy at 60:40)**, delivering precise 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 across **4+ locations**, analyzing records based on **carat, value** and **piece count**.
- 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.
- Provided actionable insights into **overstock and production needs**, optimizing inventory and reducing excess by **15%**.
- Enabled **real-time monitoring** through intuitive filters and visual tools, simplifying **large datasets** for strategic planning.
- Combined **tabular views** with graphical insights, enhancing transparency and collaboration across **5+ teams**, supporting faster decision-making.

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, achieving **98% data accuracy** for insightful reporting.
- Designed **interactive visualizations** using pie charts, bar charts, and line charts to highlight **10% sales growth trends** and top-performing products.
- Added **slicers** for dynamic filtering, enabling detailed analysis by time periods, product categories, and regions.
- Delivered actionable insights that contributed to a **15% improvement in store performance** and more data-driven decision-making.

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)

- Analyzed **100K+ sales records** using Python libraries like **pandas, matplotlib, and seaborn**, uncovering a **25% sales increase during Diwali week** and identifying **top-performing regions and customer demographics** by state, occupation, gender, and age group.
- Identified **top-selling product categories** (e.g., electronics, apparel), enabling **better inventory planning** and demand forecasting, contributing to a potential **15% revenue boost**.