

SAGAR PARMAR

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Education

ST.Xavier's College, Ahmedabad

Master Of Science in Physics

CGPA: 7.67 | Grad Dec 2024

Achievements: Outstanding Exemplary

Gujarat Arts and Science College, Ahmedabad

Bachelor Of Science in Physics

CGPA: 7.59 | Grad May 2022

Achievements: First Class with Distinction

Skills

- SQL
- Python
- MS Excel
- Google Workspace
- Google Sheets
- Power BI
- Tableau
- Statistical analysis
- Problem-solving
- Critical thinking
- Communication
- Data visualization

Languages

- English
- Hindi
- Gujarati

Interested

- Data analytics and business intelligence
- Statistical modeling and quantitative research
- Programming (Python, SQL, Excel automation)
- Data visualization and dashboard reporting
- Solving real-world problems using data

Achievement

- Awarded 1st prize in a college-level Quiz Competition in post-graduate studies
- Graduated among the top 5% of the class in post-graduate program
- Graduated among the top 2% of the class in undergraduate program

Projects

COVID-19 Data Analysis Project (Python, SQL, Power BI)

- Acquired, cleaned, and transformed global COVID-19 data from public sources
- Engineered an end-to-end data pipeline: processed raw datasets in Python, implemented SQL queries for trend analysis, and built interactive Power BI dashboards
- Assessed key metrics(cases, deaths, growth rate, and fatality rate) to uncover actionable insights for comparative country analysis
- Visualized complex data using advanced charts, geospatial maps, and automated KPIs to support real-world decision-making
- Documented findings and workflow in a structured GitHub repository, demonstrating project management, clear communication, and technical proficiency

Customer Shopping Patterns Dashboard (Excel)

- Designed and delivered an interactive dashboard that analyzes retail transactions for revenue, sales trends, product mix, and shopper segmentation
- Cleaned and standardized 99,000+ rows of sales data; engineered formulas and pivot tables to calculate KPIs and segment customers by age, gender, category, and payment method
- Visualized sales patterns, identified high-performing segments, and uncovered actionable business insights for executive decision-making
- Implemented intuitive filters and timelines, enabling users to assess business performance by time window, demographic, and payment type
- Documented workflow, dashboard features, and usage in a portfolio-ready format to support rapid knowledge sharing and reproducibility

Coursework

Microsoft Excel for Data Analysis (Udemy):

- Applied Excel formulas, PivotTables, and data visualization tools to analyze and report business data efficiently.

SQL and Relational Databases 101 (IBM Cognitive Class):

- Built foundational skills in SQL querying, table design, and relational database management for analytical tasks.

Career Essentials in Data Analysis (Microsoft & LinkedIn Learning):

- Developed expertise in data analytics, data visualization, and interpreting insights for business solutions using real-world datasets.

SQL (Intermediate) (HackerRank):

- Practiced and demonstrated advanced SQL skills, including filtering, aggregation, joins, and analytical queries on complex datasets.

Certification

Microsoft Excel for Data Analysis (Udemy)

SQL and Relational Databases 101 (IBM Cognitive Class)

Career Essentials in Data Analysis (Microsoft & LinkedIn Learning)

SQL (Intermediate) (HackerRank)