



Chirag Rathod

Aspiring Data Analyst

Enthusiastic and detail-oriented recent graduate with a strong foundation in data analysis, statistical methodologies, and programming languages like Python and SQL. Eager to apply analytical skills and data-driven insights to solve real-world business problems. Seeking an entry-level data analyst position where I can contribute to data-driven decision-making and help drive company success through insightful analysis and innovative solutions.

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EDUCATION

Pandit Deendayal Energy University, Gandhinagar Petroleum Engineering

08/2019 - 12/2023

CPI:-8.48

SKILLS

Programming Languages: Python, SQL

Data Analysis: Pandas, NumPy, SQL queries, Power BI

Data Visualization: Matplotlib, Seaborn, Plotly, ipywidgets

Tools: Jupyter Notebook, SQL databases

WORK EXPERIENCE

Data Analyst Intern Psyliq

08/2023 - 10/2023,

Project Title And Description:

1.Ad Hoc Analysis of Cricket Data Using MySQL

- Conducted comprehensive ad hoc analysis of cricket data to identify key trends and patterns.
- Utilized statistical tools to deliver actionable insights for strategic planning.
- SQL GitHub Link:- [data-analysis-project/cricket_dataanalysis.sql](https://github.com/chirag2412/data-analysis-project) at main · chirag2412/data-analysis-project (github.com)
- Python GitHub Link:- [data-analysis-project/Cricket data analytics.ipynb](https://github.com/chirag2412/data-analysis-project) at main · chirag2412/data-analysis-project (github.com)

2.Dynamic Sales Dashboard Development Using PowerQuery and Power Bi

- Performed data cleaning tasks including removing null values, handling duplicates, dealing with outliers, changing data types, renaming columns, dropping unwanted columns, and creating conditional columns.
- Developed a dynamic sales dashboard to monitor KPIs including total revenue, profit, and quantity.
- Implemented slicers for month, year, and payment mode to enable interactive filtering of data, created pie charts to visualize profit distribution by sales type and payment mode, utilized bar charts to analyze the count of orders per month and to identify the top 10 products based on total profit and designed a combined line chart to analyze historical performance by revenue and profit
- Dashboard link:- https://app.powerbi.com/links/FcbFPKOZ3Q?ctid=b87386c8-9083-4a27-9ddf63a3dfa33850&pbi_source=linkShare

PERSONAL PROJECTS

1.Indian Election Data Analysis (2014 & 2019) UsingPython and MySQL (05/2024 - 06/2024)

- Conducted comprehensive data analysis on Indian election data from 2014 and 2019 using Python and SQL to derive actionable insights
- Extracted top and bottom constituencies based on voter turnout ratio for both election years.
- Identified constituencies with consistent election outcomes over consecutive elections and ranked them based on voter turnout ratio.
- Developed interactive dropdowns for state-level and year-wise analysis, enabling dynamic filtering and visualization of election results.
- Calculated and analyzed the margin difference between winners and runners-up to understand voter behavior and electoral competitiveness.
- Presented findings through visualizations and reports, aiding in the interpretation of election trends and patterns
- Python code GitHub link:- [data-analysis-project/Indian election for 2014 and 2019.ipynb](https://github.com/chirag2412/data-analysis-project) at main · chirag2412/data-analysis-project (github.com)

2.Mitron credit card sales dashboard (Codebasic Resume Challenge) (06/2024 - 07/2024)

- **Project Statement:** - Design a dashboard with your metrics and analysis. The end users of this dashboard are top-level management and product strategy team - hence the dashboard should be self-explanatory and easy to understand
- **Work done-;**
 - 1.Clean and transform data using power query.
 - 2.Visualise data by taking payment type into consideration
 3. Made dashboard by adding charts and slicer which may help mitron bank to introduce a new line of credit cards.
- **Outcome from dashboard -:**
 - 1.40% spend occur through credit card
 2. Age between 25-34 and its employee are using credit card more
 3. For paying bills and buying electronics tools people are using credit card more.
 - 4.Mumbai city people using credit card more.
- Dashboard Link:- https://app.powerbi.com/links/mrRHITbPJL?ctid=b87386c8-9083-4a27-9ddf63a3dfa33850&pbi_source=linkShare Organizational Skill