

Ramesh Kumar Prajapati

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in rameshkumarprajapati



Education

Sagar Institute of Research and Technology, Bhopal
B-Tech (CSE) [CGPA-7.28]

2021-2025

Govt. Higher Secondary School Navagaon , Raipur
Class 12th, CG Board [Percentage- 95.40%]

2020-2021

Class 10th, CG Board [Percentage- 79.50%]

2018-2019

Internship

Data Analyst Intern

Renu Sharma Healthcare and Education Foundation – Remote

Jan 2025 – Apr 2025

- Conducted data analysis to support decision-making and generate reports.
- Maintained data confidentiality and collaborated remotely with the team.
- Participated in regular feedback sessions under the guidance of the COO.

Projects

E-COMMERCE DATA ANALYSIS

<https://github.com/alwaysramesh/E-commerce-Data-Analysis>

- Analyzed sales data to identify revenue drivers, finding peak sales in **Fall & Spring** and **Clothing & Footwear** as top-selling categories. Demonstrated the impact of **Discounts, Free Shipping, and Subscription models** on customer engagement and retention. Built **visual dashboards** for data driven insights

Tools: Python, Pandas, Matplotlib, Seaborn, GitHub

SWIGGY RESTAURANT DATA ANALYSIS- BHOPAL

<https://github.com/alwaysramesh/Swiggy-Restaurant-Data-Analysis>

- Scraped and analyzed data from 328 Swiggy restaurants, cleaned data in Excel, and built Power BI dashboards for insights. Identified Table Booking as the most popular offer (94%) and prebooking discounts (24.17%) higher than walk-ins (13.14%). Created MySQL views to structure and validate data.

Tools: Python, BeautifulShup, Excel, Power Bi, MySQL

CHATBOT USING MACHINE LEARNING

<https://github.com/alwaysramesh/Chatbot-using-Machine-Learning>

- Developed a rule-based chatbot using TF-IDF and cosine similarity for accurate text matching. Applied NLP preprocessing (tokenization, lemmatization, stop-word removal) to rene responses. Built an interactive Flask web app with a responsive UI for real-time user engagement.

Tools & Technologies: Pyhton, Flask, NLP (NLTK), TF-IDF, Cosine Similarity, HTML, CSS

Technical Skills

Coursework: OOPs Concepts, Database Management Systems (DBMS), Data Structure

Programming Languages: Python, C++

Database: MySQL

Cloud: Microsoft Azure

Tools & Libraries: Excel, Power Bi, Tableau, NumPy, Pandas, Matplotlib, Seaborn, ETL

Certifications

- 6-Month Certification in Data Science – **Cybrom Technology Pvt. Ltd.**

Training

- Completed **Data Science training** at Cybrom Technology Pvt. Ltd., gaining hands-on experience in key areas like

Python, Machine Learning, SQL, and Data Visualization using tools like Power BI and Excel

- Participated in an AI CERTs webinar focused on AI, Data, and Robotics driving tech innovation