

Rachit Dani

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QUALIFICATION

Shah and Anchor Kutchhi Engineering College (SAKEC), Mumbai

Bachelor of Engineering in Computer Science Engineering - **University of Mumbai**

July 2019 – June 2023

CGPA: 8.74/10

CS Academy, Coimbatore

Higher Secondary Examination – **Central Board of Secondary Education**

Apr 2017 – May 2019

Aggregate: 80.00%

Holy Innocents High School, Coonoor

Secondary School Examination - **Indian Certificate of Secondary Education**

Mar 2016 – Apr 2017

Aggregate: 85.33%

TECHNICAL SKILLS

Proficient: Python Programming, SQL, Microsoft Excel, Machine Learning, Numpy, Pandas, Statistics, Web Scraping, EDA, SciPy

Familiar: Tableau, PowerBI, Data Engineering, Data Mining, Flask, NLP, R, C++, AWS, Selenium, Object Oriented Programming

PROFESSIONAL EXPERIENCE

Data Science Intern – Ineuron.ai

Mar 2023 - Present

- Analyzed customer reviews offering valuable insights for data-driven decision-making and contributing to improved product analyses and customer satisfaction using scipy.stats for statistical analysis

Data Analytics Intern - Trinity

March 2023 – May 2023

- On analyzing data concluded that agents were busy for an additional time of 10% during the 11-12 pm. Proposed a manpower plan to reduce abandon rate from 30% to 10% by using excel pivot tables and visualization libraries like matplotlib and seaborn.

PROJECTS

Commercial Band Detection with Details – Python, Deep Learning, YOLOv7, G-Vision, Teamwork

- Developed a custom dataset, trained data with YOLOv7 for detection, and utilized Google Vision OCR for extracting and displaying text from the Commercial I and L Bands. Demonstrated proficiency in collaborative teamwork, dataset creation, deep learning, and OCR integration.

Flipkart Review Scraper – BeautifulSoup, Python, AWS, MongoDB, Flask

- Developed and hosted a Flipkart Review Scraper on AWS using BeautifulSoup for web scraping and MongoDB for efficient data storage. Analysed customer reviews, offering valuable insights for data-driven decision-making and contributing to improved product analysis and customer satisfaction.

Impact of Car Features – Python, Linear Regression, Data Visualization, Data Cleaning

- Explored optimizing car manufacturer decisions for pricing and product development to enhance profitability while satisfying consumer demand. Utilized techniques like regression analysis and market segmentation to analyze car features, market categories, and pricing relationships. This approach aids in devising a balanced pricing strategy aligning consumer demand with profitability, guiding future product development. Enhanced proficiency in Google Collab, Python-based data cleaning, variable correlation assessment, and chart creation using libraries matplotlib and seaborn.

Instagram User Analytics – MySQL, DbFiddle, Analytical Thinking, Joins, Aggregator Functions

- Conducted an extensive analysis of user engagement and investor metrics to capture valuable insights from user interactions and advertisement performance. The outcomes of this analysis have driven strategic decisions, including the creation of impactful marketing campaigns, enhancement of app features, and measurement of user engagement effectiveness. Advanced mastery in SQL techniques enabling precise data manipulation and fostering insightful analyses.

GitHub Topic wise Repository Scraper – BeautifulSoup, Jupyter Notebook, File Management

- Designed a GitHub scraping project to gather top repository details and links, saving them in a CSV file and expanded it to extract repository info like username, link, and stars per topic, arranging CSVs in topic-based folders using os.mkdir. Demonstrated expertise in web scraping, data handling, and file management.

ACHIEVEMENTS

Published Custom Dataset on IEEE Data Port and Received Letter of Appreciation from Zee Television Channel

May 2023

- Curated a specialized dataset for the "Commercial Band Detection" project by meticulously labeling the "L" and "I" bands in each image using the Labellmg software. The custom dataset's creation amplified my attention to detail and commitment to producing high-quality data for analysis.
- Received a Letter of Appreciation from Zee Television Channel for this groundbreaking project. The project was focused on extracting and displaying text within the "I" and "L" bands of videos, achieved through meticulous image analysis displaying innovation in technology.

Google Data Analytics Professional Specialization - Coursera

Nov 2022 - Apr 2023

- Secured an average grade of 97% in the course examination curriculum focused on data analysis life cycle, presentation of appealing visualizations to stakeholders by means of insightful storytelling ability.

EXTRA-CURRICULAR ACTIVITIES

- Hobbies: Calisthenics, Chess, Skating, Gaming
- Key part of the Core Marketing team in generating leads that secured funding for the college fest. Utilized strategic planning and communication skills to engage sponsors, ensuring my professional development and the event's financial success.
- Volunteered for the "L1 Robotics" event at the college tech fest.