Krish Chaudhary

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Technical Skills

Programming Languages and DataBases: Python, SQL, MySQL, C, JAVA

Data Science & Machine learning: Pandas, Numpy, Scikit-learn, Seaborn, Matplotlib

Data Analysis Tools: Tableau, Power BI, Excel, Google Sheets, IBM Cognos

Development Environments: Git, VS code, Spyder , Pycharm, Anaconda, Jupyter Notebook, Eclipse

Database Management Systems (DBMS): MySQL, Oracle DB

Soft Skills: Analytical Thinking, Problem-Solving, Communication, Team Collaboration

Other Skills: Advanced Excel, Business Analysis, Data Analysis, Customer Acquisition

Certification: IBM Data Analyst Certificate, Multidimensional data Modeling, Accenture Job Simulation

Experience/Projects

INeuron : Crop Production Analysis   **June 2024 – Jul 2024**

Data Analyst   *Bengaluru, India*

Key Agricultural Trends in India:

- Analyzed crop production data across 646 districts, cleaning and transforming over **1.5 million data points** to extract key insights on top crops like sugarcane, rice, and wheat, utilizing Python and advanced data cleaning techniques.
- Conducted in-depth data validation and visualization using Power BI, identifying regional production trends, seasonal yield variations, and crop dominance across zones; highlighted Uttar Pradesh as the leading state in production and cultivation area, particularly for sugarcane and wheat.
- Developed comprehensive reports detailing the impact of cultivation practices, seasonality, and regional variations, enhancing decision-making processes by providing actionable insights on optimizing crop yield and addressing declining production trends post-2010.Yields: Sugarcane, potato, coconut have highest yields.

Projects/Awards & Achievements

Accenture North America: Data Analytics And Visualization Job Simulation on Forage |Power BI, Data Modelling and Cleaning   Sep 2024 – Sep 2024

- Conducted a comprehensive audit of Social Buzz's big data practices, analyzing over 100,000 daily posts and uncovering key insights from 16 unique content categories to identify the top 5 categories driving the highest user engagement and aggregate popularity.
- Utilized data cleaning, modeling, and advanced analytics techniques to provide strategic recommendations for a successful IPO, highlighting the impact of popular content types such as 'Animal' and 'Science' posts, which garnered over 1,897 reactions.
- Developed actionable insights that supported content strategy decisions, including identifying 'Healthy Eating' as the leading category; recommended collaboration with health-focused brands to enhance engagement, positioning Social Buzz for large-scale production and real-time data-driven business decisions.

IBM Capstone Project: *Cognos, Data Modelling and Visualization*   **Jul 2024 - Sep 2024**

- Analyzed survey data from **88,883 software developers** across **179 countries** to identify emerging trends in programming languages, web frameworks, and database management systems; utilized IBM Cognos Analytics for comprehensive data visualization and exploratory data analysis.
- Uncovered critical insights, including the rise of Python as the **5th most preferred language**, surpassing Java, and identified JavaScript and HTML/CSS as the most indispensable skills for modern web development; recommended strategic focus areas for developers and tech companies to stay competitive.
- Evaluated popular database trends, noting MySQL's leading position and the increasing adoption of MongoDB as the top NoSQL database, highlighting the importance of selecting appropriate DBMS solutions based on factors such as data structure, scalability, and performance requirements.

Education

Parul University   **June 2023 – Present**

B.Tech Computer science engineering – Artificial intelligence   *Vadodara, Gujarat*

Jawahar Navodaya Vidhyalaya Mehsana   **June 2022 – Mar2023**

Higher secondary   *Mehsana, Gujarat*