

DHARMENDRA DUDI

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Objective

To obtain a challenging position in the data analysis field, where I can leverage my mathematical background, statistical and analytical skills, as well as my expertise in Python, SQL and Statistics to design and implement data-driven solutions that enhance business operations.

Education

Malaviya National Institute of Technology Jaipur

Master of Science in Mathematics

CGPA: 8.48/10

Sep. 2021 – May 2023

Jaipur, Rajasthan

University of Delhi

Bachelor of Science in Mathematics

CGPA: 8.716/10

Aug. 2018 – May 2021

New Delhi, Delhi

Projects

Data Exploration with SQL | *Python, MySQL*

January 2023

- Designed and executed a series of SQL queries (in Python using mysql-python connector) to uncover hidden trends and relationships in a large dataset of a hypothetical hardware company. Used data visualization libraries of Python to create charts and graphs to inform data-driven decision making..

Mad Max's Journey to the Title | *Python*

October 2022

- Used web scrapping techniques to collect and process data from various web sources..
- Implemented data visualization techniques and descriptive statistics to uncover trends and insights into race results, driver and team performance, and other relevant metrics.

Analysis of Impact of Rajeevika on SHG Members in Rajasthan | *Staistics, MS-Excel, Python*

February 2023

- Studied the significance of income of SHG members before and after joining SHGs using various statistical methods in MS-Excel on the MIS data and verified it with the field survey data.
- Created a survey for more insights on the income-loan gaps of SHG members and trained CBM teams for carrying out offline mobile surveys in villages throughout Rajasthan.

US Marriage and Divorce Rates Statistical Analysis | *Python, Statistics*

April 2023

- Used several Statistical techniques over the data of marriage and divorce rates of states of US over last 30 years to gather some interesting insights and test some hypotheses.

CS:GO Professional Matches Analysis. | *Python*

March 2023

- Used data exploration methods to analyse the CSGO professional matches and compare each player within his team.
- The more focus was given on the rankings and analysis with temporal aspects instead of descriptive statistics.

Relevant Coursework & Certificates

- Database Management, Data Structures
- Master Statistics & Machine Learning: Intuition, Math, Code | Mike X Cohen
- SQL Beginner to Advanced for Data Professionals | Codebasics
- Data Analysis with Python: Zero to Pandas | Jovian
- SQL (Intermediate) Certificate | HackerRank

Technical Skills

Languages: Python, C++, SQL

Tools: VS Code, GitHub, Power BI, MS-Excel

Proficiency in Statistics; HackerRank SQL 5 Stars

Leadership / Extracurricular

Training & Placement Cell

Placement Committee Member

April 2022 – Present

MNIT Jaipur

- Appointed as Placement Committee Member at Training & Placement Cell representing Department of Mathematics.