

Garima Chouhan

Actively seeking summer 2022 internship opportunities | Rutgers Business School | Masters in Information Technology and Analytics | MS Excel | Python | R | SQL | Tableau

Bridgewater, NJ 08807

garimachouhangtxbx_o9v@indeedemail.com

+1 973 765 4938

Willing to relocate: Anywhere

Work Experience

Data Analyst

Outdoor Concepts - Bhopal, Madhya Pradesh

July 2020 to July 2021

- Created and modified pivot tables and charts using worksheet data and external resources, sorted items and group data, and refreshed them to achieve analytical goals
- Researched, updated, and validated dynamic data underlying spreadsheet production and performed multiple data wrangling techniques using SQL to fill gaps strategically for 1000+ rows of data
- Built interactive Macro-embedded Excel spreadsheets to automate payment distribution and reconciliation process, resulting in a 20% increase in efficiency and 5% in profit

Data Science Intern

Bansal Hospital - Bhopal, Madhya Pradesh

December 2019 to February 2020

- Analyzed healthcare data using statistical analysis, performed data collection, and presented information using data visualization techniques
- Identified valuable data from hospital's sources and automated collection processes, undertook data wrangling to preprocess structured and unstructured data
- Deployed multiple logistic regression and visualized model output to help determine if there is a difference between two treatments of Kidney Stones based on clinical data provided

Education

Master's degree in Information Science

Rutgers University - New Jersey

September 2021 to Present

Bachelor's degree in Engineering

University Institute of Technology, RGPV, Bhopal - Bhopal, Madhya Pradesh

August 2016 to June 2020

Skills

- R

- Data Visualization
- Statistical Analysis
- Business Intelligence
- Data Analysis
- Python
- Data Science
- Regression Analysis
- Analytics
- Statistics
- Tableau
- Microsoft Excel
- Microsoft Word
- Microsoft Powerpoint
- MySQL
- Databases
- Information security
- Project management
- Forecasting
- Machine Learning
- SQL
- Business analysis
- Microsoft Access
- Power BI
- Relational databases
- VBA

Languages

- Eng - Expert
- Hindi - Expert

Links

<https://github.com/garimachouhan>

<https://www.linkedin.com/in/garimachouhan/>

Certifications and Licenses

Google Analytics Certification

Additional Information

- ACADEMIC PROJECTS -

- Inventory rebalancing and demand planning for Citi bike

Predicted trip counts for 6 months using time series analysis, forecasting model Moving Averages of order 3, with an accuracy of 99.78%, which would mitigate Induced Demand and increase revenue.

- Predicting Boston House Prices

Deployed statistical modeling using multiple regression models to predict the prices of houses, used variable selection method to find the best parameters for fitting the model. Attained adjusted R squared value of 0.713 and AIC value of 1277

- Reducing Traffic Mortality

Implemented data wrangling, plotting, dimensionality reduction, and unsupervised clustering to derive a strategy to reduce the incidence of road accidents

- Analyzed Debts Worth the Bank's Effort

Determined an increased recovery of 400% in the incremental amount the bank earns on exceeding the additional cost of assigning customers to a higher recovery strategy using Regression Analysis and Discontinuity

- LEADERSHIP AND VOLUNTEERING -

- Organized ISRO workshop on Design of nanosatellites, Did Statistical Analysis using Excel of 500+ participants at a workshop on Design and Development of Nanosatellites

- City head coordinator for Robinhood Army and Plant a Sapling volunteer organizations