

GAURI CHAUDHARI

gchaudh@iu.edu | (812) 803-9913 | LinkedIn: [linkedin.com/in/gauri-chaudhari](https://www.linkedin.com/in/gauri-chaudhari) | <https://gaurichaudhari9.github.io/>

EDUCATION

Indiana University - Bloomington, United States

Aug 2022-May 2024

Master in Data Science

Relevant Coursework: Data Mining, Statistics (R), Advance Database Concepts, Data Analytics, Machine Learning, Data Visualization

University of Pune, India

Jul 2015-May 2019

Bachelor of Computer Engineering (Dept. Rank: 8)

Relevant Courses: Data Analytics, Data Mining, Machine Learning, Artificial Intelligence, Cloud Computing, Data Structures

SKILLS & CERTIFICATIONS

- Programming Languages: Python, R
- Data Science: Machine Learning, PostgreSQL, MySQL, Natural Language Processing, Supervised learning (Regression, Classification), Unsupervised (Clustering, PCA), Neural Networks, Microsoft Excel
- Libraries and Frameworks: Pandas, NumPy, Matplotlib, Seaborn, Scipy, Scikit-Learn, NLTK, Tensorflow, Keras
- Data Visualization Tools: Tableau
- Cloud Platforms: Amazon Web Services (AWS)
- Other: Git, Docker, Linux, ServiceNow
- **Google Data Analytics Professional Certificate** Sept 2023

WORK EXPERIENCE

Tata Consultancy Services, Mumbai, India

Technical Data Analyst

Jul 2019-Aug 2022

- Configured monitoring based KPis, alert, widgets and created **dashboards** for better **visualization** on Splunk ensuring **99%** uptime during non-maintenance window hours.
- Analyzed and resolved complex technical problems related to PaaS, demonstrating strong **analytical** and **problem-solving** skills.
- Conducted in-depth root cause analysis (RCA) for IT support tickets, specializing in troubleshooting and resolving technical issues related to Platform as a Service (**PaaS**) and **AWS**.
- Performed advanced statistical analysis and data modeling to predict system failures and proactively address potential issues, leading to a **15%** reduction in downtime
- Utilized data analysis techniques to identify patterns and trends in IT support ticket data, contributing to the improvement of PaaS services.
- Proficient in using **Microsoft Excel** for data analysis, including data cleaning, transformation, and visualization
- Developed and maintained automated data collection processes using **Python** and **SQL**, reducing manual data entry by **90%**
- Monitored system performance and identified anomalies, leading to a **75%** improvement in system reliability and efficiency
- Improved the team's efficiency up to **55%** by automating tasks using Python
- Extracted useful **insights** and visualize Servicenow data to enhance decision making of management.
- Collaborated with various teams and data publishers to gather, synthesize, and present data for analysis, demonstrating strong **teamwork** and **communication** skills

Armstrong Machine Builders Pvt Limited, Nashik, India

Data Scientist Intern

Sep 2018-Mar 2019

- Designed and implemented a real-time analytical predictive model utilizing **back-propagation algorithm** to identify the type, timing, and root cause of conveyor belt faults with **90% accuracy**, resulting in a **98%** uptime for Propus conveyors and optimizing their operational efficiency.

PROJECTS

Boosting the sales margin of a product using data-driven Price Optimization

- Orchestrated analysis of 100k+ sales records, employing **feature selection, scaling, and trend identification**. Crafted a potent linear model for **product analytics** that enhanced sales margin by **78%** through optimal pricing strategies.
- Engineered a **75%** revenue surge by innovating a **demand curve** using **PCA** and diverse regression techniques.
- Anticipated a **45%** demand upswing through **regression analysis**, paving the way for **strategic revenue expansion**.
- Developed a comprehensive **Tableau** Dashboard to visually represent and communicate the results of the **EDA** conducted on 100k+ sales records, providing stakeholders with **intuitive insights into the data patterns and trends**.

End-to-End Uber Data Intelligence: Transformative Analytics and Dashboarding

- Employed **Python** and **MAGE** for ETL scripting, crafting a lucid data model on **Lucidchart** for Uber's raw dataset, enhancing data comprehension.
- Led end-to-end analytics journey by formulating **BigQuery** queries, and translating insights into **Tableau**. Enabled stakeholders with real-time, informed decision-making through an interactive dashboard.

EXTRA-CURRICULAR & MENTORSHIP ACTIVITIES & AWARDS

- Mentored new joiners in the AWS and Python drives arranged by the organization.
- Awarded title of **TCS GE ISU - Young Achiever** For Q1 FY21 and Q1 FY22 by TCS
- **Grand Finalist** at National Level **Smart India Hackathon** driven by the Prime Minister of India.