

Srishti Kachhara

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EDUCATION

- **University Of Michigan** Dearborn, MI, USA
(Masters of Science in Data Science) **GPA: 3.5/4** Jan 2023 - Dec 2024 (Expected)
Relevant coursework : Database Management, Applied Data Anlayst and Modelling System, Big Data Aanalysis and Visuliztn, Data Mining, Management Science, Deep Learning, System Engineering, Information Science and Ethics
- **Shri Vaishnav Vidyapeeth Vishwavidyalaya** Madhya Pradesh, India
(Bachelor of Technology in Electronics and communication Engineering; Jul 2017- May 2021)

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL, C, R, PySpark
- **Technologies and Tools:** Tableau, Power Bi, Microsoft office, SAP Analytics, ETA, Scikit-Learn, Pandas, Numpy, Tensorflow, pytorch, Jupyter Notebooks, Rstudio, Machine Learning, Mathematical and Statistical Principles
- **Operating Systems:** Windows, Linux, Ubuntu
- **Familiar with:** DSA,Dashboard design,Database Management,Data Mining, Deep Learning Algorithms, Gen AI, SDLC
- **Skills:** Technical Proficiency,Leadership, Problem Solving, Time Management,Learning Ability,Technical Proficiency

EXPERIENCE

- **Accenture Solutions Private Ltd** Pune(MH),India
Data Analyst Mar 2022- Dec 2022
 - Reviewed client's tech and business needs through document analysis, data evaluation, and workflow assessment.
 - Teamed up with stakeholders to analyze business processes, identifying opportunities for improvement.
 - Developed & maintained- **SQL** queries & scripts to extract, manipulate & summarized data.
 - Used **Python** for automating data processing tasks, and data visualization to improving operational efficiency.
 - Enhanced **Tableau** performance by managing data extracts, optimizing queries, and implementing best practices.
 - Built data pipeline with **Azure Data Lake**, **SQL**, and no-SQL databases for **Power BI**, enhancing data insights.
 - Improved data accuracy by **20%** through thorough cleaning and validation, enhancing decision-making.
 - Led data integration, centralized diverse sources, improved accessibility by **30%**, and streamlined decision-making.
- **Indore Innovation Hub Pvt Ltd** Indore(MP), India
Data Science(Intern) Jul 2021 - Feb 2022
 - Collected and cleaned data from various sources, transforming it into a usable format for analysis.
 - Developed Python scripts for efficient data processing (parsing, manipulation, analysis) using pandas and numpy.
 - Mastered **database** and **data system management** for accurate, available, and secure critical data.
 - Regularly present analytical reports to colleagues, product teams, and internal customers.
 - Analyzed complex data, enhancing trend forecast accuracy by **15%** through predictive analytics and visualizations.

PROJECTS

- **Popular Airbnb NYC Data Analysis** Source Code
(*Python, SQL, Pandas, Tableau, PowerBI, GeoPandas, scikit-learn, Matplotlib, Seaborn*) 2023
 - Collected 50K values dataset of Airbnb NYC then Used Python for data transformation, revealing NYC Airbnb pricing **trends**, and employed SQL, Python, and Tableau for a **25%** improvement in data analysis.
 - Developed an interactive PowerBI **dashboard**, enhancing visualization for stakeholders and data interpretation.
 - Identified **80%** of vital and popular NYC Airbnb market hotspots, optimizing marketing strategies proficiently
- **Cardiovascular Disease Prediction using Data Mining Techniques** Source Code
(*Python , KNN, Random Forests, Clustering, Tableau, Neural Networks.*) 2023
 - Used Python for data prep and predictive modeling (Decision Trees, Random Forests, Logistic Regression).
 - Enhanced CVD detection using a **70k** record dataset, bolstering public health and trimming healthcare expenses.
 - Attained **88%** accuracy in CVD disease prediction with **Logistic Regression**, improving patient care.
- **Predicting Passenger Density at U.S Airports using Regression and Clustering** Source Code
(*Python , Regression, Random Forests, Clustering, ROC, Decision tree, Deep Learning.*) 2023
 - Led preprocessing for **5.8M+** entries, ensuring data integrity and strategic handling of missing values.
 - Implemented models **Logistic Regression (81.04%)** and **Decision Tree (86.29%)** for delay prediction.
 - Guided route optimization and delay management with actionable insights from model results.

CERTIFICATIONS

- **Google:** Data Analytics Professional certificate
- **Microsoft:** MTA in Python
- **John Hopkins University (Coursera):** Advance Statistics
- **IBM:** Professional certification in Data Science