

Garvit Joshi

Bachelor of Technology
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EDUCATION

• **Bachelor of Technology in Computer Science and Engineering(Data Science)** 2021-25
Lovely Professional University, Punjab CGPA: 7.48

PERSONAL PROJECTS

•Stroke Prediction – Webpage to Predict Stroke Occurrences

Tackled the pressing issue of sudden strokes and the absence of immediate medical services, leading to significant annual fatalities.

- Engineered a predictive model with a 93% accuracy score and a 94% cross-validation score.
- Executed Feature Selection and Exploratory Data Analysis (EDA) on stroke prediction datasets to acquire a thorough understanding of the data.
- Deployed a variety of Machine Learning algorithms to devise a predictive model for early stroke detection.
- Transformed the predictive model into an intuitive webpage using Streamlit, enhancing user accessibility.
- Technologies Employed: Python Libraries, Streamlit, Random Forest, Decision Tree.

•McDonald's Menu Nutrition – Exploratory Data Analysis

Investigated the dilemma faced by many individuals who commence working out but grapple with eliminating fast food from their diets.

- Furnished actionable insights to advocate healthier dietary choices.
- Conducted rigorous statistical analysis on nutritional data to identify outliers and discern patterns.
- Leveraged various Python libraries (such as pandas, matplotlib, and seaborn) to plot graphs and visualize the interrelationships among nutrition, calories, and menu items.
- Determined that the Beverage Menu Category offers the highest proportion of items with low total fat content, providing a healthier choice for those concerned about fat intake.

EXPERIENCE

•Girls Script Summer of Code

June – August 2024

Contributor

Remote

- Performed comprehensive analysis of healthcare datasets to pinpoint key features and emerging trends.
- Applied advanced statistical methods and machine learning algorithms to ascertain the most critical factors influencing healthcare outcomes.
- Collaborated with cross-functional teams to ensure data accuracy and pertinence.
- Provided actionable insights to enhance healthcare strategies and decision-making processes.
- Technologies Utilized: Python, Seaborn, NumPy, Pandas, GitHub.

TECHNICAL SKILLS AND INTERESTS

Languages: Python, SQL

Frameworks: Scikit-Learn, Matplotlib, Seaborn, Pandas, NumPy, TensorFlow, XGBoost, Keras, Git

Tools/Platforms: MySQL, Tableau, Excel, Jupyter Notebook, GitHub

Soft Skills: Problem-Solving, Self-learning, Presentation, Adaptability, Critical Thinking, Data Visualization

CERTIFICATES

Complete Machine Learning and Data Science Program by GeeksforGeeks

April 2023

Data Structure and Algorithms in Python by Coding Ninjas

June 2022

ACHIEVEMENTS

Amazon ML Summer School

October 2023

Selected among the top 5% of 63,000 applicants for an elite Machine Learning Summer School program.

Certificate of Achievement

June 2023

Secured a top 17k rank among 150,000 participants in CodeKaze by Coding Ninjas.

AWS Deep Racer Student

June 2023

Ranked among the top 10% of students in India for the July Virtual Race Participation.

Certificate of Excellence

December 2022

Conferred the Certificate of Excellence for top marks in a Certification Course by Coding Ninjas.