

BHAVYA AGARWAL

+91 8882249989 | agarwal.bhavya2204@gmail.com | github.com/AgarwalBhavya | www.linkedin.com/in/bhavya-agarwal-5ba858275

Education

8/10	BTech in Computer Science Engineering , G.B.Pant DSEU Okhla Campus Delhi India	2022-26
88.0%	Completed 12th , Adarsh Public School Delhi, India	2021-22

Skills

Languages	Python , C++ , HTML , SQL , C , Data Structures , CSS , Javascript , R , Tensorflow , Keras , OpenCV
Data Science	Data Analysis , Data analytics , Visualization and Cleaning , Pandas , Numpy , Seaborn , Matplotlib , Scikit-Learn , NLP , Azure Devops , Neural Networks , Deep learning , Statistics , Computer Vision
Tools	MySQL , PyCharm , VSCode , Github , Jupyter Notebook , CLion , Tableau , PowerBI , MS-Excel

Work Experience

Railofy , Python Developer and Data Science Intern Remote	December 2024 - February 2025
<ul style="list-style-type: none">Practical Application of how Railways work.Data Visualization: Conveyed complex information of railways through different graphs using python libraries.Use of different machine learning algorithms as per the demand.	
Altudo , Data Scientist Intern Hybrid	May 2024 - July 2024
<ul style="list-style-type: none">Practical Application of Making chatbot: Extract meaningful insights from open APIs.Data Visualization: Conveyed complex information through compelling charts and graphs in Power BI.Use of various machine learning algorithms to reach the conclusion or result that the project demands.	
NullClass Pvt Ltd , Data Analyst Intern Remote	April 2024 - May 2024
<ul style="list-style-type: none">Practical Application of Data Analysis: Extract meaningful insights from large datasets.Data Visualization Expertise: Conveyed complex information through various charts and graphs in tableau.Linking tableau dashboard to a website made using html and css.	
Anumaa Computer and Software Pvt Ltd , Data Scientist Intern Hybrid	May 2023 - Aug 2023
<ul style="list-style-type: none">Data Visualization Expertise: Conveyed complex information through compelling charts and graphs.Collaborative Problem Solving.Use of various machine learning algorithms to reach the conclusion or result that the project demands.	

Projects

Movie Recommendation System

- This project implements a movie recommender system that personalizes recommendations based on user preferences.
- Visual representations of data, including bar graphs, heatmaps,boxplot and other graphical elements, were employed to effectively convey and analyze information.
- It leverages techniques like collaborative filtering or content-based filtering (depending on your implementation) to analyze user movie ratings or movie attributes and suggest similar films.
- Get a list of top 5 movies tailored to your taste based on your selection. User-Friendly Interface: The system is designed for ease of use, allowing you to explore movie recommendations with minimal effort.

Which Bollywood Celebrity Are You?

- This project delves into the fascinating realm of facial recognition and machine learning to create a fun and interactive application. By leveraging pre-trained deep learning models and image processing techniques, users can discover which celebrity they resemble most based on their facial features.
- Employs a pre-trained convolutional neural network (CNN) to extract features from celebrity images, creating a robust reference database.Presents the celebrity with the highest similarity score, potentially sparking amusement or surprise.
- Computes the cosine similarity between the user's facial features and those of celebrities in the database, identifying the closest match.

Flight Tracking Chatbot

- This project provides a convenient flight tracker chatbot that allows users to inquire about the status of their flights through natural language interaction.
- By leveraging a flight data API and conversational AI techniques, the chatbot delivers real-time flight information directly within their chat platform of choice.
- Simply type in your flight details (e.g., flight number, airline code, date) to access real-time flight status updates.Stay informed about delays, cancellations, or gate changes.

Olympics Data Analysis System

- Outline the key steps involved in your analysis: Data cleaning and preprocessing techniques used. Libraries and tools employed for data manipulation and visualization (e.g., pandas, matplotlib, seaborn). Specific machine learning algorithms implemented
- Visual representations of data, including bar graphs,boxplot,confusion matrix, heatmaps, and other graphical elements, were employed to effectively convey and analyze information.

Email Spam Classifier

- This project implements a machine learning model to classify incoming emails as spam or not spam. Filter out unwanted spam emails from your inbox, saving you time and keeping your inbox focused on important messages.
- Visual representations of data, including bar graphs, boxplot, confusion matrix, heatmaps, and other graphical elements, were employed to effectively convey and analyze information.
- Machine Learning Model: Leverages a trained model (e.g., MultinomialNB) to analyze email content and predict spam probability.
- Text Preprocessing: Employs techniques like stemming, tokenization, and stopword removal to enhance model accuracy.
- Streamlit Integration provides a user-friendly interface for testing the model and classifying new emails (requires Streamlit library).

Certifications

- 2024
- Career Essentials in Data Analysis by Microsoft and LinkedIn,
- 2024
- Tata Group - Data Visualisation: Empowering Business with Effective Insights Job Simulation,
- 2024
- Build Your Generative AI Productivity Skills with Microsoft and LinkedIn,
- 2023
- Data Structures and Algorithms Specialization,

Extra Curricular Achievements

2018-2022 , Won first prize in zonal level Table Tennis Competition for consecutive 5years

India