

Skills

- **Statistics:** Descriptive Statistics, Inferential Statistics, Hypothesis Testing, ANOVA, t-test, z-test, Probability & Distribution
- **Database:** SQL, Mongo DB
- **Visualization:** Matplotlib, Seaborn
- **Others:** GitHub, Bitbucket, ReactJS, NodeJS
- **Machine Learning:** Decision tree (CART), Random Forest, Regression, Logistic Regression, Support Vector Machine (SVM), Clustering (K-Means), K-Nearest Neighbors (KNN), Naive Bayes, Neural Network (ANN), Principal Component Analysis (PCA)
- **Programming:** Python, JavaScript

Projects

FINE TUNED LLM MODEL – March 2023

- Utilized the **llama2finetune-v2** model as the base model.
- Enhanced the model using specialized medical datasets to improve its performance in healthcare-related **NLP** tasks.
- Skilled in **machine learning**, **fine-tuning models**, and creating **tokenization**.

CANCER DIAGNOSIS - June 2023

- Successfully analyzed Cancer diagnosis data and built a predictive model.
- Utilized interactive **visualizations** and data filters to enhance data exploration and inform decision-making.
- Used **K-Fold cross-validation** technique to avoid **overfitting**, Designed and compared models like **Support Vector Machine (SVM)**, **Random Forest Classifier**, and **Logistic Regression**.
- Used **Grid Search CV** for **hyper parameter tuning** achieving up to 95% accuracy.

HR ANALYTICS - May 2023

- Created an HR Analytics classification model using **Logistic Regression** achieving up to 80% accuracy.
- Performed thorough data cleaning and visualization for the HR Analysis dataset.
- Expertly split the data into training and testing sets for robust model evaluation.

Work Experience

SOFTWARE ENGINEER, – Optimizory – Jaipur, India – October 2023 - Present

- Collaboratively developed and maintained applications for the **Jira Marketplace**.
- Worked on two key applications: **PACT** and **Links Explorer**, enhancing project management and data exploration capabilities for users.
- Contributed to improving the overall efficiency by **40%** and performance of the development team through innovative solutions and effective collaboration.

SOFTWARE ENGINEER – MOODRAA-E – Mumbai, India - September 2022 - January 2023

- Implemented front-end functionalities using **NextJS**, ensuring responsive design.
- Daily maintenance of code, debugging issues, and solving clients' problems.
- Worked on mobile app development and created major features on it.

Education

- B.Tech in Computer Science and Engineering, CSE - 7.5 CGPA - Dronacharya Group of Institutions - 2023
- 12th - 7.2 CGPA, CBSE - 2019
- 10th - 7.8 CGPA, CBSE - 2017

Certificates

- Python Data Structures and Algorithms (DSA)