

ATHARVA MISHRA

Linkedin: [Linkedin](#)

GitHub: [github](#)

Email: mishraatharva825@gmail.com

Phone: +919044245019

SUMMARY

A data science enthusiast learned Machine Learning, Deep Learning, and Natural Language Processing through iNeuron, gained expertise in Scikit-Learn, TensorFlow, PyTorch, NLTK, SpaCy, Pandas, NumPy, Seaborn, and Matplotlib. Developed hands-on projects, based on text classification, text summarization and predictive modeling etc. Proficient in data preprocessing, feature engineering, model evaluation, and visualization. Passionate about leveraging AI to solve real-world problems.

TECHNICAL SKILLS

- **Languages:** Python, sql
- **Core Skills:** Artificial Intelligence, Data Science, Neural Network, Machine Learning, Deep Learning, Computer Vision
- **Frameworks:** scikit-learn, NLTK, Seaborn, Matplotlib, Tensorflow, Keras, Pytorch, Spacy, MLflow
- **Tools:** VScode, Spyder
- **Databases:** mongodb
- **Backend Framework:** Flask

PROJECTS

Image Sharing Platform [LINK](#)

- Developed an Image Captioning Web Application that generates descriptive captions for uploaded images using **deep learning and computer vision**. The system leverages **VGG16** for feature extraction and an **LSTM-based model** for caption generation.
- The application is built using **Flask** for the backend, with a frontend developed using **HTML, CSS**
- It includes user authentication (signup & login), image uploading, and user activity tracking, with all data stored in **MongoDB**.

Flight Price Prediction [LINK](#)

- Created a web-based flight price prediction platform, where users can input various parameters to obtain a fare prediction for flight.
- Performed full **EDA** and **feature-engineering** which involves tools like **seaborn, matplotlib, scikit-learn**.
- The project involves developing a user-friendly interface using streamlit for predicting flight fare.
- Used machine learning models to predict flight prices based on features
- Used multiple machine learning algorithms and achieved **0.79** and **0.76** in **XGBRegressor** and **GradientBoostingRegressor** respectively.

Personalized-Medicine-Redefining-Cancer-Treatment [LINK](#)

- Prediction the effect of Genetic Variants to enable Personalized Medicine.
- Performed EDA and data cleaning which involves tools like **seaborn, matplotlib, NLTK**.
- Trained multiple model for multiclass classification using scikit-learn like **Logistic-Regression, SVC, Naive-Bias**. Trained **LSTM** and implemented full data loading pipeline using **Pytorch**.

EDUCATION

Khusbu Yadav Inter Collage (12th)

Mar 2013 - Mar 2015

Oriental Institute Of Science Of Technology (Bachelor Of Engineering)

Aug 2015 - Oct 2020

ADDITIONAL INFORMATION

- **Languages:** English, Hindi.
- **Certifications:** Full Stack Data Science (iNeuron), Python(Durgasoft)