

Chinmay Dave

Data Scientist

I am eager to work on real-time projects with learning attitude, hardwork and contribute my abilities to the task to build something productive and enhance the experience of the clients. Scientifically rigorous and innovative Machine Learning Engineer with significant academic experience of programming, statistics and teamwork to bring to the table.

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TECHNICAL SKILLS

Machine Learning

scikit-learn, unsupervised machine learning, supervised machine learning, Random Forest, decision Trees, XGBoost, SVM, EDA, Classification, Regression, Recommendation system, KNN, Cross Validation, K-means, DBSCAN, NLP.

Deep Learning

Open CV, LSTM, GRU, Computer vision,

Database

SQL, Google Cloud Storage, MongoDB

Programming Language

Python(NumPy, Pandas)

Data Visualization and Deployment

CI-CD pipeline, Tableau, Powerbi, Docker, AWS, Flask, Streamlit



SOFT SKILLS

Ability to break complex problems into smaller ones

Data driven Decision making

Verbal and Written Communication skills

Public Speaking

Leadership

Flexible

Critical thinking



TEACHING EXPERIENCE

Data Science Trainee

Tiwari Academy (2 - years)

2012 - 2022

Tasks/Achievements

- 2 years experience in teaching Engineering students practicals regarding Machine Learning Algo(LinearReg, classification, clustering etc), SQL, CI-CD pipelines, model deployment, It has improved my understanding about subjects that are essential for the position I am applying for.

Educator

Tiwari Academy (3 - years)

Tasks/Achievements

- 3 years experience in teaching Engineering students core subjects, especially Python, DBMS, Statistics and Mathematics.



EDUCATION

Graduation : Mechanical Engineering (B.Tech)

Gujarat Technological University

08/2011 - 07/2015

Ahmedabad



PROJECTS

NLP text based emotions detection

- SKILLS: NLTK, Pandas, Streamlit, Potterstemmer, sklearn, Numpy,
- End-to-end NLP text based emotions detection project development using EDA, NLP, Heroku and Streamlit.
- Modification of data using NLTK, Potterstemmer, Vectorising and Cosine similarity. Model building and saving using pickle.
- Application deployment in Heroku using GitCLI and Streamlit

Computer Vision model of Hand Gesture recognition

- SKILLS: OpenCV, Deep learning, MobilenetV2, YOLO, Tensorflow, Numpy, Pycoco, Protobuf.
- Model evaluation through Precision and Recall.
- Created a Computer vision model using Deep learning approach that recognises hand gestures in sign language.
- Image capturing and model training using OpenCV, and model training using MobilenetV2.

Objects recommendation system using ML and NLP

- End-to-end movie recommendation project development using EDA, NLP, Heroku and Streamlit.
- Collecting data, feature extraction and EDA using Pandas and Numpy.
- Modification of data using NLTK, Potterstemmer, Vectorising and Cosine similarity. Model building and saving using pickle.
- Application deployment in Heroku using GitCLI and Streamlit

Fake news detection using Machine Learning

- Creating predictive system that tests if the news is fake.
- SKILLS : Working with text data, NLP, stemming, EDA, filtering via stemming, Logistic Regression, GridsearchCV and predictive model building. Data visualization through seaborn.

SpaceX space shuttle landing using Machine Learning

- SpaceX successful flight landing prediction.
- SKILLS: Binary classification, sklearn, GridsearchCV, Logistic regression, SVM and decision tree, KNN building the model based on accuracy score, F1 score, Precision and Recall that predicts the success ratio of SpaceX flight landing.



CERTIFICATES

IBM certification on applied Data Science

https://www.coursera.org/account/accomplishments/specialization/NU724DBNKDHJ?utm_source=link&utm_medium=certificate&utm_content=cert_image&utm_campaign=sharing_cta&utm_product=s12n

IBM certified Data Scientist

https://www.coursera.org/account/accomplishments/professional-cert/887BLQT6VRFU?utm_source=link&utm_medium=certificate&utm_content=cert_image&utm_campaign=sharing_cta&utm_product=prof

Google Certified Data Analyst

<https://www.coursera.org/account/accomplishments/specialization/certificate/3C7W3GXMTBPU>



INTERESTS

Programming

Football

Philosophy

Music

Poetry



LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Gujarati

Full Professional Proficiency