

ABHISHEK SHARMA

Data Science

Data Scientist with of computer application and 1+ year experience using predictive modeling , data processing , data mining algorithms , computer vision , natural language processing , hands-on experience leveraging machine learning , deep learning , transfer learning models to solve challenging business problems



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🌐 www.youtube.com/channel/UCSQcVbFWAT7fwL5mppPcXUg

🐙 github.com/abhishek1990713

WORK EXPERIENCE

Data science | Ineuron

Project : Wafer Fault Detection

06/2021 - Present

Bangalore

Project Aim : To build the ML model which predicts whether wafer need to replace or not .

Description

- The model is supposed to predict the wafer working condition based on the sensor data provided in the .csv file coming from the client end.
- **Technologies :** Python , Kmeans clustering , Random Forest , XGBoost , KNN.

Data science | Trainity

Project : Attendance system using Facial recognition

12/2020 - 03/2021

Delhi

Use case : The objective of this project is to minimize the proxy log in and log out

Description

- In the organization the log in and log out is taken very seriously and timing is recorded and reflected in the time sheet. So there were instances when employees do a proxy swiping which is considered as a serious concern . So in order to avoid this the face recognition was introduce so that employee can do the log in and log out
- **Technologies :** Python , MTCNN , Insight face.

Data Science | Technocolab Software

Project : Stock Price Prediction

05/2021 - 07/2021

Indore ,Mp

Aim: The ability to precisely predict the price movement of stock is the key to profitability in trading. I worked on a Data Science project for the company on the various domains of tasks such as Data Analysis, Data manipulation ,Data Classification Techniques, Data visualizations, Data Modelling with deployment on the cloud

Data Science & Analyst | The Spark Foundation

Workplace/Company

03/2021 - 04/2021

New Delhi

Achievements/Tasks

- Gathered, reviewed, analyzed and implemented data requirement effectively by creating algorithms based on Deep dive statistical analysis & predictive data modeling.
- Deploying quantitate analysis and data visualization to present data, Design, run and measure experiments to test Business hypotheses, Insight generation against a recurring use case.

SKILLS

Python

Spyder, PyCharm, Jupyter Notebook

Machine Learning - Numpy , Pandas , scikit learn , Linear Regression , Logistic Regression , L1 and L2 regression , polynomial regression , Decision tree , Random forest , XG Boost , ADA boost , KNN,SVM , Kmeans Clustering etc

Deep Learning / Computer Vision - Tensorflow , keras , ANN , CNN , Alexnet , Vgg16,19 , Resnet , RCNN , Faster RCNN , SSD , YOLO.

Natural Language processing(NLP) - NLTK , Tokenisation , Stemming , Lemmatisation , Bag-of-word , TF-IDF , RNN , LSTM , Transformer , Attention all you need , GPT , BERT

AWS (basic)

Stremlit

Flask

SQL

MYSQL

Power BI

Tableau

Ms Excel

EDUCATION

Masters of Computer Application (MCA)
(07/2017 - 08/2019)

- **Shridhar University**
- Honored for academic performance and successful completion of modules with 75.5

ACHIEVEMENTS

IIT Madras: Python For Data Science : 69%
(07/2020 - 12/2020)

Udemy: Machine Learning and Deep Learning in python
(01/2021 - 05/2021)

HackerRank : HackerRank percentile 80.33 in algorithms

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

ADDITIONAL INFORMATION

Hobbies : Reading Books

• Location : Ready to shift anywhere