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SUMMARY

4+ month of experience in the industry with 6+ month of experience in **Data Science** and machine learning. Exposure in building data models, data processing, data visualization and applying **Machine Learning**.

- Developing and testing highly adaptive diverse services to translate business problems into substantial deliverables
- Build complex predictive models **using ML and DL techniques** with production quality code and jointly own complex data science workflows
- Completing **4 end-to- end Machine Learning project**
- Artificial Intelligence integrated services **like Market Analysis and Segmentation**, Smart Regions Program
- Flask – Front End for deployment
- Advanced knowledge of statistical techniques, NLP, machine learning algorithms
- Deep learning frameworks like Tensorflow, Theano, Keras, Pytorch

SKILL

- **Languages:** Python, R
- **Machine Learning:** Linear/ Logistic Regression, SVM, Decision Tree, Random Forests, KNN, K-Means, NLP, Naive Bayes, text mining, neural network, etc.
- **Deep Learning:** ANN, CNN, RNN with LSTM,
- **Frameworks & Libraries:** TensorFlow, Keras, Flask , StreamLit, NumPy, Pandas, Matplotlib, Scikit-Learn
- **Database:** MySQL, MongoDB, SQL and No-SQL
- **Familiar with:** Heruko ,openCV, Google Colab, Docker, Spyder, AWS, HTML

EDUCATIONAL QUALIFICATION

- Data Science Diploma, from 360digitMG, Hyderabad, Telangana, 2021(82.00%)
- Bachelor of Science (Maths), from Chhatrapati Shahuji Maharaja University, Kanpur, 2016 (60.01%)
- H.S.C (2013) CBSE, from Maharishi Vidya Mandir, Fatehpur, Uttar Pradesh (56.7%)
- S.S.C (2010) CBSE, from Maharishi Vidya Mandir, Fatehpur, Uttar Pradesh (CGPA: 6.6)

CERTIFICATIONS

- IBM CERTIFICATION - Machine learning with python
- Certification of project completion (INNODATATICS)
- Python programming language(Udemy)

WORK EXPERIENCE

Organization	From	To	Designation(Role)
FeyNN labs	December,2021	Till date	Machine Learning Intern
INNODATATICS	September,2021	December,2021	Data Scientist intern
Elite Techno Groups	August, 2021	September,2021	Python for ML/AI Internship

PROJECT DETAILS

PROJECT 1

Project	:	Predictive Agricultural Analytics
Client	:	INNODATATICS
Duration	:	Jan 2022 - Mar 2022
Team Size	:	12
Role	:	Data collection , Model building Create Documentation
Technology	:	Machine Learning model

Description:

The model Recommend the best Crop & return on investment with high accuracy using historical data collected using various agricultural sites & Journals.

- It will help farmers to select proper option of crops for cultivation
- To recommend proper crops suitable with soil and environment to the farmer
- Using **XGBoost algorithms to recommend crop with Good Return on Investment.**
- **Accuracy:** - Test - 92.52 precision-0.93 recall -0.91 f1 score -0.92 Train- 92.54
- **Deploying** model using Streamlit
- It will raise their profit margin and might reduce their loss

PROJECT 2

Project	:	Feature-Extraction-from-Medical-Journals
Client	:	INNODATATICS
Duration	:	Oct 2021 - Dec 2021
Team Size	:	5
Role	:	Data collection, Create Documentation, Model building ,Front end , deployment
Technology	:	Machine Learning model

Description:

Extracted Diseases, biomedical or chemical composition name of drugs by **Named Entity Recognition (NER)** which is an important method used to extract information and to recognize the medical entities from **Medical Journals.**

- **ScispaCy** for deep learning, neural network models for processing Biomedical, scientific or clinical text
- Deployed the model with **95 percent accuracy rate**
- Error reduction with **80% of accuracy**
- Deploying model **using Streamlit**

PROJECT 3

Project	:	Data Driven Decision Models for Investment in Bonds
Client	:	INNODATATICS
Duration	:	Sep 2021 - Oct 2021
Team Size	:	13
Role	:	Data collection ,Model building , Front end , deployment
Technology	:	Time Series Forecasting(Machine Learning model)

Description:

- This project is **simple Forecasting model.** Not taxes were put into use when calculating returns Inflation rate and global pandemic situation is a rare phenomenon and it is beyond anyone's control.
- Python – ML model (**auto_arima (for grid search to find p, q, d values)**)
- ARIMA (for forecasting values))
- **Database - SQLite.**
- Deploying model **using Flask**

