

Deepak Kaura



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Summary

As an driven Data Science enthusiast with 10 months of hands-on experience, the goal is to leverage existing skills and knowledge to effectively contribute to your organization. Possessing a strong background in Python, there is expertise in various essential areas of Data Science, encompassing Data Cleaning, Feature Engineering, Data Exploration, Visualization, Predictive Analytics, and Machine Learning. Proficiency in implementing diverse algorithms, including Linear Regression, Logistic Regression, Random Forest and Decision Tree, is coupled with the ability to deploy models using Streamlit.

Work Experience

ML Engineer (ML Team Lead), Rework AI

Mar 2023 – present | Work From Home Internship/Job

Work (currently) : Building robust HR solutions that automate time-consuming tasks and improve the efficiency of the hiring process : -

i) Automated Job Descriptions - Generating job description with the help of open-source GPT models to create high-quality job descriptions in minutes. This saves HR professionals hours of work and ensures that job descriptions are accurate and up-to-date.

ii) Matching Resumes with Job Description - Using Natural Language Processing (NLP) techniques, I have developed advanced algorithms that effectively match resumes with job descriptions. This helps streamline the candidate screening process, enabling HR teams to identify the most suitable candidates efficiently.

Data Analyst Engineer, Resolute.AI

Apr 2022 – Jul 2022 | Work From Home Internship

Work : The primary tasks involve predictive analytics on various industry use cases and develop predictive models to analyze data patterns, trends, and relationships, while the secondary tasks revolve around building a UI with Streamlit to deploy exploratory data analysis using Altair and Plotly libraries.

Machine Learning, A2J Technology

Oct 2021 – Jan 2022 | Work From Home Internship

Work : The tasks involve data cleaning, cashflow prediction using LSTM with hyper-tuning, and implementing various machine learning algorithms such as Logistic Regression, Random Forest, and Decision Tree. The aim is to optimize the models and determine the most effective algorithm for the given dataset.

Data Science & Business Analytics, The Sparks Foundation

Jan 2021 – Feb 2021 | Work From Home Internship

Work : The tasks revolve around conducting exploratory data analysis and implementing machine learning techniques. The steps include EDA, data preprocessing, algorithm selection, model training, evaluation, and optimization.

For more details : - <https://github.com/deepak7642/deepakkaura-TSF-Internship-GRIPJAN2021>

Education

MBAFP, International College Of Financial Planning affiliated with Mysore University

2017 – 2019 | ITO, New Delhi

MBA specialization in Financial Planning (MBAFP) and passed-out with 7.05 CGPA

Certifications

Advanced Certification in Applied Data Science, Machine Learning & IoT By E&ICT Academy, IIT Guwahati

This Advanced Certification in Applied Data Science, Machine Learning & IoT is intricately designed for graduates and working professionals by E&ICT Academy, IIT Guwahati. It includes world-class instruction for Applied Data Science and Machine Learning regimes.

Integrated Program in Business Analytics (IPBA) By IIM Indore with Jigsaw Academy (Mar, 21 - Jan, 22)

10 months program covers technical and business aspects of the application of Analytics & Data Science. Overall Score % - 81.25.

Codec Networks

3 Months Data Science with Python certificate course

IMS Proschool Pvt. Ltd.

4 months Financial Modeling certificate course

Skills

IDE

Google Colab

Programming Language

Python

Libraries

Pandas, NumPy, Matplotlib, Seaborn, Plotly, Scikit-learn

Machine Learning

Linear Regression, Logistic Regression, Decision Tree and Random Forest

Deployment (Framework)

Streamlit

Soft Skills

Team Player, Curious, Collaborative, Communicative and Keen learner

Learnings

Time Series Analysis (ARIMA), Tableau and MS SQL

Project

Fiverr : End-to-End Project includes Deployment

Problem statement -

Recently attackers are using freelance job sites such as Fiverr to distribute malware disguised as job offers. Just after a month of this attack Fiverr came up with a Kaggle competition on this to understand how data science people will solve this problem by using their differ methods and techniques.

Project Objective - Find a good fit algorithm which will have Potential to Predict Spammers

Tools used - Pandas, Numpy, Matplotlib, Seaborn, Python, Google Colab, Sklearn (for Random Forest, Decision Tree, Logistic Regression, XGBoost and Extra Tree) and Streamlit

Methodology - Built Potential Spammers prediction Model to detect spammers from User ID.

Glimpse of the sol (link) -

<https://www.kaggle.com/code/deepakkaura/fiverr-end-to-end-project-includes-deployment>