VAIBHAV KUMAR
DATA SCIENTIST

Summary

Data Scientist with 2+ years of experience using ML algorithms. Extensive knowledge of statistics and Python. Proficient in Sklearn, **TensorFlow**, Numpy, Pandas, and Matplotlib. Experience in **fine-tuning large language models** and **transformers** for NLP tasks.

Experience

2022 - Present

Growth Natives Ltd.
Data Scientist, Mohali

- Architected and implemented a **generative AI** system customized for precise **question answering** within **table-based** scenarios. Furthermore, executed **fine-tuning** of the foundational **transformer-based large language model.**
- Developed a machine learning algorithm to determine the **propensity score** for lead-to-customer conversion. Used propensity score to inform business decisions and **improve conversion rates.**
- Developed and implemented a **Markov Chain Attribution Model and Shapley attribution Model** to analyze the customer journey and identify the most effective touchpoints for conversion.
- Developed and implemented a machine learning algorithm for **budget optimization with carry-over effect and diminishing effect.**
- Developed and deployed a resume parser to extract information from resumes using **generative AI** and fetch photos from resumes using a **face detection** algorithm.

Research Paper Work

STOCK MARKET PREDICTION
ISSN: 2278-4632 | 2021
Design the algorithm using deep learning, Natural language Processing, and Statistics to predict the stock price.
We consider the hidden factors involved in the stock market to improve accuracy.

Contact

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Skills

Skill	Rating
Python	◈◈◈◈◈
Machine Learning	◈◈◈◈◈
Deep Learning	◈◈◈◈◈
MySQL	◈◈◈◈
Excel	◈◈◈◈
Tableau	◈◈◈◈
Data Analytics	◈◈◈◈
Git	◈◈◈
Fast API	◈◈◈◈
JavaScript	◈◈◈
Linux	◈◈◈

Certifications

- 🏆 **Transformers for Natural Language Processing.**
- 🏆 **TensorFlow Developer Professional Certificate**
- 🏆 **Artificial Intelligence A-Z™**
- 🏆 **Machine Learning A-Z™**
- 🏆 **Feature Selection for Machine Learning**
- 🏆 **Feature Engineering for Machine Learning**
- 🏆 **Google Data Analytics Professional Certificate**

Education

🎓 **B.Tech in Computer Science with Data Science specialization**
Lovely Professional University.