

Vaibhav Singh Thapli

Data Scientist

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GITHUB | LINKEDIN

EDUCATION

GRAPHIC ERA UNIVERSITY
COMPUTER APPLICATION MASTER'S
GPA: 7.26

Sept 2022 - June 2024
Dehradun ,Uttarakhand

HNBGU
INFORMATION TECHNOLOGY BACHELOR
GPA: 61.29

Sept 2016 - Sept 2019
Dehradun ,Uttarakhand

EXPERIENCE

FREELANCE | DATA SCIENTIST

Dehradun ,Uttarakhand | 2021 – Present

- Leveraged large data sets to improve business strategy and performance. Collaborated with cross-functional teams to implement predictive models.
It improved client behavior prediction accuracy by 20% through developing and implementing strategic models.
He presented data-driven insights to executive leadership.
Consult Students/Teachers for model building with high accuracy.

INEURON | DATA SCIENTIST

Dehradun ,Uttarakhand | 2020 – 2021

Created data models and documented data flows to improve system architecture and data quality.
Developed a predictive model that accurately forecasts customer churn with 95% accuracy using machine learning
Developed a deep learning model that accurately identifies objects in images with 99% accuracy.
Developed a natural language processing (NLP) model that accurately classifies customer sentiment with 93% accuracy.

SKILLS

PROGRAMMING LANGUAGES	Python, HTML, MYSQL, GIT
LIBRARIES/Frameworks	TensorFlow, Scikit-Learn, OpenCV, Deep Learning, NumPy, Pandas, Matplotlib, Seaborn, Keras,
TOOLS / PLATFORMS	Aws, PowerBI, Tableau, Excel, Azure, NLTK, Label Studio, Make Sence
DATABASES	MySQL, SQL, MongoDB

PROJECTS / OPEN-SOURCE

MESSAGE-TOXICITY | [LINK](#)

Python, Tensorflow, RNN, NLP

Developed a multi-headed model capable of detecting different types of toxicity like threats, obscenity, insults, and identity-based hate better than Perspectives current models in our messages.

FACE-MASK-DETECTION | [LINK](#)

Python, CNN, OpenCV, Tensorflow, Label Image

Developed a model from scratch(on the custom dataset)
to detect, whether people, wearing masks or not in real time, with an accuracy of 99%

The SMS Spam Collection v.1 (hereafter the corpus) is a set of SMS-tagged messages that have been collected for SMS Spam research. It contains one set of SMS messages in English of 5,574 messages, tagged according being ham (legitimate) or spam.

CERTIFICATIONS

- Deep Learning Essential with Keras - **IBM COURSERA**
- Machine Learning using Python - **DEXLAB**