



Snehal Tandel

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ABOUT ME

Data Scientist with a strong math background and 1.5 years + experience using predictive modeling, data processing, and data mining algorithms to solve challenging business problems. Involved in Python open-source community and passionate about deep learning.

WORK EXPERIENCE

Data analyst

Blue Data Consulting Pvt Ltd [06/06/2022 – 23/06/2023]

City: Surat | **Country:** India

- An automated document verification project is one that uses technology to verify the authenticity of physical or digital documents. This can include things like IDs, company documents and other forms of identification. The process typically involves scanning the document and using optical character recognition (OCR) to extract the text, then comparing the information on the document with a database or other source to confirm its validity.
- A live object detection and classification project using YOLO would involve building a system that can detect and classify objects in real-time video streams. The project would likely involve the use of programming languages such as Python as well as a number of open-source libraries and frameworks, such as OpenCV and TensorFlow.
- A future appointment prediction project would involve using historical data and machine learning algorithms to predict when a patient is likely to schedule their next appointment. The goal of the project would be to provide healthcare providers with a better understanding of patient behavior and to improve appointment scheduling and patient retention.

AI & Data Science

Blue Data Consulting Pvt Ltd [09/11/2021 – 28/02/2022]

City: Surat | **Country:** India

- Manage Edtech project for Data science and cloud courses
- Built prediction model using ARIMA, SARIMA, and SARIMAX
- Extract valuable insight from data and make presentations
- Work on the Machine learning and Deep learning model

EDUCATION AND TRAINING

PG Diploma in Data Science & Machine Learning

Rashtriya Raksha University, Gandhinagar [15/11/2020 – 01/11/2021]

City: Gandhinagar | **Country:** India | **Website:** <https://rru.ac.in/>

BSc Physics-Mathematics

B.P.Baria Science Institute, Navsari [06/2017 – 08/2020]

City: Navsari | Country: India | Website: <https://bpbsinavsari.ac.in/>

PROJECTS

Leaf Disease Detection using Deep learning The goal of the project is to develop a deep learning model that can accurately and efficiently detect leaf diseases from images of potato leaves, which can then be used in the field of agriculture to help farmers identify and treat diseases on their crops.

Link: <https://github.com/snehal201/Potato-Plant-leaf-Disease-Prediction>

Object Tracking The goal of an object-tracking project is to develop a model that can accurately and efficiently detect and locate an object of interest in a video stream, which can be used in a wide range of applications such as surveillance, robotics, and autonomous vehicles.

Link: <https://github.com/snehal201/Object-Detection-and-Tracking>

NYC Parking ticket analysis NYC Parking Ticket Analysis is a project that aims to analyze and understand the patterns and trends in the issuance of parking tickets in New York City. The project involves collecting and cleaning a dataset of NYC parking ticket data, exploring and visualizing the data

Link: https://github.com/snehal201/Internal-exam-NYC-parking-ticket-Amazone-fine-food-review-/blob/master/NYC_parking_ticket_.ipynb

Google stock Price prediction using TSF A Google stock price prediction project would involve using historical data on Google's stock price to train a machine learning model. The model would then use this information to make predictions about future stock prices.

Link: <https://github.com/snehal201/Google-Stock-Price-Prediction>

Automate sentiment analysis of Textual comments A project to automate sentiment analysis would involve using natural language processing (NLP) techniques to classify the sentiment of tweets as positive, negative, or neutral. The end goal of the project would be to create a system that can automatically classify the sentiment of tweets.

LANGUAGE SKILLS

Mother tongue(s): Gujarati | Hindi

Other language(s):

English

LISTENING C1 READING B2 WRITING C1

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

HOBBIES AND INTERESTS

Travelling Exploring new places, cultures, and cuisines can be a passion for data scientists who enjoy traveling. They might document their travels through data visualization or analysis of travel data.

Community Involvement Community Involvement: Engaging in community service or volunteering for causes they are passionate about can be fulfilling for data scientists outside of their professional work.

Create useful model using data I am very passionate about creating new and real-life useful models to solve real problems.

Data Visualization Creating visually appealing and insightful data visualizations using tools like Seaborn, matplotlib, or ggplot2. You can mention your interest in exploring different visualization techniques to communicate complex data effectively...

Machine Learning Competitions Participating in machine learning competitions on platforms like Kaggle or TopCoder. This demonstrates your passion for continuous learning and my ability to solve real-world problems using data science techniques.

Natural Language Processing (NLP) Exploring text mining, sentiment analysis, or language generation techniques using NLP libraries like NLTK or spaCy. This demonstrates my interest in working with unstructured data and your curiosity about language processing.

DIGITAL SKILLS

Platform : AWS Cloud / Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access / Cloud tools(Onedrive, GoogleDrive, Dropbox) / Set up AWS , GCP , Digital Ocean environments / HTML / artificial neural networks (ANN)

Data Science

 Machine Learning / ML Tools(Tensorflow,Keras) / Git / Data Science | Data Collection, Data Processing, Data Analysis, Data Visualisation / Python / SQL / Python (Pandas, Numpy, Matplotlib, Scipy, PySpark) / Scikit-Learn / Data Science: AI,ML, NLP, DL, Statistics, DM, Regression, NN,Segmentation, Classification, / Machine Learning, NLP

Deep Learning

Python ML and NLP libraries: Panda, Numpy, Scipy, Scikit-learn, Gensim, Flair, Spacy, TF Hub / Computer Vision / CNN / LSTM

Visualization

Python visualization libraries (Matplotlib & Seaborn)

HONOURS AND AWARDS

Google Developers group Ranchi

Python and Deep Learning

Link: <https://www.cert.shapeai.tech/verify/Z2vxklk>

Google Developers group Ranchi

Computer vision

Link: <https://www.cert.shapeai.tech/verify/Z2vxklk>

ShapeAI

Python and Computer Vision

Link: <https://cert.shapeai.tech/verify/mI9oS>