

Sneha Tunga

Data Scientist

Skilled Data Scientist with 3+ years of experience in using Analytics and Machine Learning algorithms to solve business problems. Proficient in Python, SQL, ML, NLP and experienced with AWS, Azure, GCP and ML Deployment.



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📍 Mumbai, India

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WORK EXPERIENCE (3+ YEARS)

Data Scientist

Tata Capital Limited

05/2023 - Present

Mumbai, India

Achievements/Tasks

- Worked with the Cross Sell team to increase offer generation using prospect vendor data and reaching 100Cr target
- Identified Loss of Opportunity of almost 100% of our disbursed value, and devised strategies with Product and Risk teams to improve conversion
- Productionized a model to predict the probability of a customer normalising within the next 3 months, helping Settlement team target those customers on priority
- Analysed a new Income Estimation model performance using A/B testing and checking the bounce rates
- **Tech stack:** PySpark, Databricks, SQL, Bureau data, Python, Modelling techniques, Azure

Data Scientist

Bajaj Finserv Health

01/2021 - 05/2023

Pune, India

Achievements/Tasks

- Built a Customer Query Classifier that segregated queries into specialized agent queues which reduced manual efforts by 15%
- Created multiple Document Entity Extractors to auto-fill details for Reimbursement Processing and Fraud Detection Systems, which reduced the claim processing TAT by 25%
- Implemented a Profile Picture Scoring algorithm to rank doctor profiles in the search results, which resulted in bumping up appointment bookings by 6%
- **Tech stack:** NLP, NLTK, SpaCy, NER, Deep Learning, Classification, OCR, TensorFlow, OpenCV, Computer Vision, Face Detection, Object Detection, PDF parsers, FastAPI, Fuzzy matching, Elasticsearch, Python, SFDC, Azure

Data Science Intern

Quadratyx Insights

05/2020 - 11/2020

Hyderabad, India

Achievements/Tasks

- Implemented an inhouse Web Crawler for scraping webpage content. Built NERs for Entity Extraction of competitors' contact us details. Reduced the cost by 100% by eliminating the need of a paid RPA tool
- Crawled and scraped web pages using Selenium. Preprocessed html to get raw text
- Created NERs for various entities using SpaCy and Stanford Core NLP with an accuracy of 93%
- Implemented APIs using Django

SKILLS

Python

SQL

PySpark

ML

NLP

Databricks

Numpy

Pandas

Scikit-Learn

Matplotlib

TensorFlow

SpaCy

AWS

Azure

GCP

Elasticsearch

FastAPI

Git

DevOps

Linux

ACHIEVEMENTS

Finalist in Smart India Hackathon 2019, 2020

3rd rank holder in NPTEL course

Multiple times Hero of the Moment Award, Limelight Awards at BFHL

CERTIFICATIONS

Introduction to Machine Learning | IITKGP

NPTEL

Machine Learning Specialization (ongoing)

Coursera

EDUCATION

BTech - Computer Science - SRM University (2017-2021)

CGPA: 9/10

HSC - Maharashtra Board (2017)

Percentage: 80%

LANGUAGES

English

Elementary Proficiency

Hindi

Native or Bilingual Proficiency

INTERESTS

Cooking

Badminton

Swimming