



KAUSUTUBH KESHAV

SENIOR ANALYST

EMAIL: kaustubhgap@gmail.com
MOBILE: +91 7992376775

Chennai, 600096

ABOUT ME

Senior Analyst at Tiger Analytics with experience in providing innovative solutions to business and research problems. Acquainted with various statistical techniques, tools, programming languages . Experienced freelance data science practitioner.

LINKS

LinkedIn:
<https://www.linkedin.com/in/kaustubh-keshav-795421117/>

WORK EXPERIENCE

TIGER ANALYTICS
Chennai
Jun 2020 - Present

Senior Analyst

During my 18 Months in Tiger Analytics, I got a chance to hone my data science skills in a plethora of domains like labor service, agri science, NLP, computer vision.

TIGER ANALYTICS
Chennai
Jun 2019 - Jun 2020

Analyst

INFOPINE CONSULTANCY SERVICES
Remote
Dec 2018 - May 2019

Freelance Data Scientist

The goal for association was to build a device to detect defects in pieces of fabric. During this time I collaborated with their team which allowed me to learn a lot about neural nets, computer vision and anomaly detection.

EDUCATION

TECHNO INDIA COLLEGE OF TECHNOLOGY
Kolkata
2018

B.Tech Electronics and Communications Engineering

Graduated with a CGPA of 7.01
Won IET Prototype Design Competition 2018 hosted in Jadhavpur University.

SKILLS

DATA SCIENCE

MACHINE LEARNING

STATISTICAL MODELLING

PYTHON

PROJECTS

Image Segmentation

Worked on image segmentation problem for an agri-science company. Various image processing techniques were used to correct for discrepancies between computer generated and real world images . UNET based model was deployed for this project. The model was built using Keras.

Time Series Forecasting on Hierarchical Data

Worked on time series forecasting for data of hierarchical nature. A lasso based regressor was built to adapt to the variance in the data while avoiding overfitting. Various other approaches like Bayesian Hierarchical Model, Time Varying Effect Models, WLS Regression were tried before finalizing the solution. The models were built using sklearn and statsmodel packages in Python. This project involved modelling for both seasonal and autoregressive data.

Data Insight Generation Chatbot

Worked on chatbot for insight generation from a database. It consisted of a dashboard to render graphs relevant to the user's queries. I required training a Google Bot, creating various intents and mapping each to a relevant action. This project acted as a tool to help beginners get a good understanding of data analysis and exploration.

OCR for Medical Summary Generation

Medical Summary generation from images of prescriptions. This project required the use of google vision OCR tool and a custom TF-IDF based intent recognition algorithm to facilitate training in a scarcity of real world data. The goal of this project was to save the huge amounts of resources spent by insurance companies to fetch the medical summary of their customers before indulging.