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Suraj Lahase

Analyst (Data Science)



Key skills

- **Programming Languages:** Python, SQL, Matlab
- **IT Constructs:** DS and Algorithms, Machine Learning, DBMS
- **Development Tools:** MATLAB, Microsoft Visual Studio, Google Colab, Jupyter Lab
- **Other Tools:** Numpy, Scikit-Learn, Pandas, Tensorflow, Genetic Algorithm
- **Operating systems:** Unix and Windows.
- **Spoken Languages:** Marathi (**native speaker**), Hindi (**native speaker**), English (**professional level**).

MOOCs

- Python Data Structures (**Coursera**)
- Python: Working with Predictive Analytics (**Linkedin**)
- 30 days of google cloud program (Cloud Engineering and Machine Learning & Data Science Track) (**Google**)
- Data analysis with Python (**Coursera**)
- Artificial Intelligence in Digital Marketing (**Udemy**)
- Linux Mastery (**Udemy**)

Interests

- Data-Science / Machine Learning / NLP

Experiences

Jun. 2022 – **Analyst (Data Science)**
Present

Tiger Analytics, Chennai

- Performed **regression analysis** to find out impact of parameters on revenue generated by media agency.
- Customer **Churn Risk Prediction** for a mobile telecommunication network.
- Performed **pattern analysis** of consumer preferences and evaluated positioning of clients' brand across different categories. Identified sales drivers for clients' products through **regression analysis**

Jul. 2021 – **Teaching Assistant**
Apr. 2022

SMS, IIT Bhubaneswar, Bhubaneswar

- Conducted labs for 3rd year and 4th Year B. Tech. student across 3 courses

Personal projects

May, 2021 **EBAY tech devices analysis (Data Mining)**

- Used data mining methods to mine EBay tech devices data and analyze/visualize the datasets.
- **Skills used:** Web Scrapping, Data Analytics, SQL

Jun. 2021 **Churn prediction for game developers (Data Analytics)**

- Built a model using Google Analytics 4 data using big query ML to identify and analyze user churning for game developers.
- **Skills used:** Data Analytics, Big query, Machine Learning

2021 - 2022 **Design optimization using ANN and Genetic Algorithm**

- Created an ANN model inside google colab to predict the output values for highly non linear data.
- Provided the ANN model as a function input to Genetic Algorithm for optimization of design parameters.
- **Skills used:** Machine Learning, Neural Networks, Genetic algorithms, Python

Education

2017-2022 Integrated Dual Degree (B. Tech. + M. Tech.) (CGPA: 7.75)
Indian Institute of Technology Bhubaneswar, Bhubaneswar

- **B.Tech. Project:** Design and Development of Super-hydrophobic surfaces.
- **Master thesis:** Design optimization of heat sink using **ANN** and **Genetic Algorithm**.

2016-2017 Class XII **Science** (Percentage: 87)
Jawahar Navodaya Vidyalaya Pune, Pune

2014-2015 Class X (CGPA: 9)
Jawahar Navodaya Vidyalaya Shegaon, Buldhana

Miscellaneous

2019-2020 **Publicity Core Head**

E-summit, IIT Bhubaneswar

- Was responsible for managing a team of 20 people and spreading awareness about events happening around E-summit.
- As a result of my team efforts, around 800 people participated in a final event at E-summit.