Suraaj Hasija

Data Scientist at Mastercard

Deep technical expertise to generate power business insights from very large datasets with an aim to enable needle moving business impact through groundbreaking statistical analysis

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WORK EXPERIENCE

Data Scientist II
Mastercard

02/2021 - Present

Key Responsibilities:

- Research and develop extensive range forecasting models and solve complex business problems using latest machine learning and statistical methods.
- Directly contribute to the design and development of automated prediction & recommendation systems backed by strong statistical measures & error handling.

Skills Demonstrated: *Text classification using NLP, Hadoop, Pipeline building in SQL & Alteryx, Supervised Machine Learning in Python, Visualization using Tableau*

Data Analyst - Strategy
GroundTruth

09/2019 - 02/2021

Key Responsibilities:

- Lead large-scale data science projects & proficiently write SQL & Python code to process large volume data.
- Develop experimental and analytical plans for data modeling processes, use strong baselines, and accurately determine cause-and-effect relationship.

Business Technology Analyst
ZS Associates

05/2018 - 09/2019

Key Responsibilities:

- Design data visualization reports through advanced Tableau dashboards to capture business KPIs.
- Perform data manipulation, hypothesis testing & visualization intelligence using SQL, Python & Tableau, respectively, to detect financial & operating inefficiencies.

Application Developer Associate
Accenture

10/2017 - 05/2018

Key Responsibilities:

- Analyse data for an e-retail client and help them increase their online sales by analyzing sales data using Splunk & Excel.

EDUCATION

PGD in Data Science and Machine Learning
IIIT–Bangalore

01/2020 - 02/2021   *CGPA - 3.7/4*

B.Tech, Information Technology
Maharaja Agrasen Institute of Technology

05/2013 - 05/2017   *Overall Percentage: 77%*

TECH STACK

SQL   Python   Tableau   Alteryx   Hadoop
AWS Analytics Infrastructure   NLP
Inferential Statistics   Azure Machine Learning

ACHIEVEMENTS & CERTIFICATES

Research paper published in International Journal for Scientific Research and Development for Tree Overlay Network Project ⬈

Splunk Certified Power User by Splunk Inc

Performed hypothesis testing & used visualisation intelligence to detect financial and operating inefficiencies, saving almost $110K per month

Guest Speaker at Hindu College(DU), SSCBS(DU), SRM Institute of Science and Technology

KEY PROJECTS

Tree Overlay Network (T.O.N.): Conceptualized and developed a decentralized node location, routing and maintenance network overlay for large-scale peer-to-peer systems. ⬈

Online Magazine Portal: Designed & developed an online magazine portal called Googly Networks, having footfall of over 3000 visitors daily and Traffic Rank less than 22K in India.

Built an XGBoost classification model with Hyper-parameter tuning to assign a lead score between 0 and 100 to classify a customer as 'Hot Lead', which was used by our sales team to target potential leads.

Analysed data of a bicycle rental company who rents bicycles on short-term basis. Modeled the demand for subscribed bicycles with the available independent variables using knowledge of market dynamics.

ORGANIZATIONS

Toastmasters International - Club of West Delhi (01/2019 - Present)
VP- Memberships

Google Developers Group (02/2014 - 05/2017)
Event manager and coordinator for events conducted in college under Google Developers Group.