NEHAL JAIN

Data Scientist

PERSONAL INFO

+918755105252

nehaljain40@gmail.com

Kotdwar, Uttarakhand

EDUCATION

Bachelor in Computer Science
2015 - 2019
GD Goenka University
Grade: 8.6 CGPA

XII
2015
DAV Public School
Grade: 77.4%

X
2013
Blooming Vale Public School
Grade: 9.6 CGPA

SKILLS

Machine Learning
NLP
Python
SQL
Spark
Alteryx
PowerBI
Tableau
MS Office

ABOUT ME

Data Scientist with 4 years of experience in the field of Data Science & Analytics, executing data-driven solutions that yield substantial benefits for both the Company & its Customers.
Experienced at crafting Predictive models, Machine Learning algorithms and NLP based models to extract insights and drive action oriented solutions to complex Business problems.

EXPERIENCE

Data Scientist
KPMG, Gurgaon — **Jan'23 – Present**

Client – Maruti Suzuki India Limited

- Developed an automated **NLP-driven Hazard Recommendation System**, designed to proactively detect safety hazards in real-time at Construction and Manufacturing sites and recommend safety measures against those hazards and type of field work.
  Leveraged advanced techniques including **BERT** for robust **text embedding**, alongside a **clustering** algorithm for **text data grouping**. Utilized **Cosine Similarity** to quantify text similarity, resulting into **85% accurate hazard recommendations**. This initiative substantially enhanced worker safety and minimized potential risks.

Data Scientist
Volvo Eicher Commercial Vehicles LTD, Gurgaon — **July'19 – Dec'23**

- **Customer Voice Analysis** using **NLP** to find out major **Customer Concerns** related to **vehicle breakdowns** & take pro-active measures, resulting in a significant **reduction of unplanned services by 40%** and enhancing overall customer satisfaction.

- Utilized **Supervised Machine Learning** algorithms to **classify top vehicle failures** based on vehicle parameter data & driving behavior, thus proactively **preventing major breakdowns**.

- Implemented **Density based Clustering** algorithm to identify **major vehicle breakdown locations** and further enabling **targeted deployment of service vans**. This tactical approach ensured timely repairs and maintenance interventions.

- Developing **Customer Dashboards** & **Driver Scorecards** using **Power BI**, providing comprehensive insights into **driving behavior** metrics such as **fuel efficiency**, instances of **overspeeding**, **sweet spot** adherence and other key parameters, resulting into **improved fleet performance**.