Dear Sir/Madam,

Greetings for the day!!

Please find my resume attached herewith for this position and other appropriate position/s in data science and machine learning in your esteemed company, for your reference.

Sir, I have completed Masters in Data Science from Northwestern University, USA with CGPA of 3.959/4 in March 2024. I request you to check some of my projects in my GitHub account. Links for the same are given under heading: Data science projects in attached resume for your ready reference.

I also completed my one-year post-graduate certificate program in Artificial intelligence and Machine Learning from the Indian Institute of Technology, Guwahati in 2021. I also did bootcamp course in Data Science and Machine Learning from the Massachusetts Institute of Technology (IDSS)-USA (MIT-USA) in 2021.

I followed this with a one-year PG Certificate program in Data Science and Machine Learning from IIT, Roorkee to further enrich my knowledge and exposure in Data science. This program was completed in May 2022. It has further enhanced my know-how in this exciting field of data science which is becoming increasingly relevant in all sectors today.

Our team was runners up (got second position) in a hackathon on Machine Learning modelling conducted at IIT-Roorkee in April 2022. I have also completed a course on Neural Networks and Deep Learning from DeepLearning.Al.

Prior to this, I did my B.E. (Mechanical) from Jai Narain Vyas University, Jodhpur in 1995 followed by MBA(PGDIM) from Indian Institute of Management, Mumbai, India (erstwhile National Institute of Industrial Engineering) in 1998. NITIE has been ranked in top 10 business schools in India in 2022 by National Institutional Ranking Framework, Ministry of Education, Government of India. I have sound knowledge in operations research related topics like linear programming, mixed integer programming etc.

Sir, I request you to consider my resume for suitable positions related to Artificial Intelligence Data Science, and Machine Learning in your esteemed company. I am keen to join your organization due to its leading position in the industry, great organizational culture, the spirit of innovation, professionalism that characterizes your organization and its employees.

Looking forward to a positive response.

Thanking you,

Sincerely,

Rajeev Sharma

Enclosure: Resume

Rajeev Sharma

Proficient in using Machine Learning, Deep learning, Large Language Models, Natural Language **Processing, Operations Research and Data Engineering** to solve business issues.

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ish61@gmail.com,https://www.linkedin.com/in/rajeev-sharma-ba0b8a10, https://github.com/Raish1111/.



Core Competencies

Data Science/AI/Machine Learning/Large Language Models/NLP/Deep Learning/Statistics/Python/ Operations Research/Data Engineering

Supply Chain Management

Vendor Development

Contracts

Risk Management

Project Management

Logistics Management

Quality Assurance

Imports & Customs Management

Team Management

Profile Summary

- A goal-oriented professional with more than 23 years of experience in Procurement and Supply Chain Management including Financial Analysis, Sourcing, Team Management with rich experience in using Machine Learning, Deep learning, Large Language Models, Natural Language Processing, Operations Research and Data Engineering to solve business issues.
- An effective communicator with strong analytical & organizational skills with a flexible attitude
- Avid learner with a strong belief in constant skill upgradation
- Completed Artificial Intelligence and Machine Learning course from IIT Guwahati in 2021 and IIT Roorkee in 2022 in Deep Learning Models and related frameworks like TensorFlow and Keras; computer vision and Natural Language Processing (NLP), Logistics Regression, Classification algorithms
- Experience with optimization techniques and tools for route planning, such as linear programming or genetic algorithms.
- Familiarity with spatial data analysis and geographic information systems (GIS).
- Knowledge of database querying languages (e.g., SQL) and working with structured and unstructured data.
- Proficiency in data visualization tools such as Tableau
- Large Language Models, Neural networks, mixture models, ARIMA, Bayesian models, K-Nearest Neighbors, Text Analytics and clustering algorithms Experience on Optimizer model development with Gurobi, knowledge of Apache Hive
- PySpark with MapReduce, designing supply chains with IBM CPLEX based anylogistix software
- Predictive analysis, Time series forecasting using ARIMA models and Holt Winters forecasting,
- Databricks, SQL and Hive queries for data engineering and big data analytics, Poisson models,
- Alteryx analytics for optimizing work flows

Education:

- Masters in Data Science from Northwestern University, Chicago, USA in 2024 with CGPA: 3.959/4
- Post-graduate diploma in Industrial Management from NITIE (National Institute of Industrial Engineering, Vihar Lake, Mumbai, India) with 7.78/10 CGPA in 1998. NITIE has been ranked in top 10 business schools in India in 2022 by National Institutional Ranking Framework, Ministry of Education, Government of India. Reference for ranking: https://www.nirfindia.org/2022/ManagementRanking.html
- BE (Mechanical Engineering) from M.B.M. Engineering College, JNV University, Jodhpur, Rajasthan, India with 67.5% in 1996
- Post Graduate Certificate course (one year) in Artificial Intelligence and Machine Learning from IIT Guwahati in 2021
- PG Certificate Program (one year) in Data Science and Machine Learning from IIT, Roorkee with elective and capstone project

pertaining to Data Engineering involving Hadoop, Hive, MySQL, Databricks, Azure, AWS and MLOPs in 2022

- Data Science and Machine Learning: Making Data-Driven Decisions course from Massachusetts Institute of Technology, USA in 2021
- Neural Networks and Deep Learning from DeepLearning.AI in Feb 2023. Course is taught online by Andrew NG on Coursera platform.
- AWS Solutions Associate Architect Training course from Edureka comprising AWS Sage maker, S3 buckets use cases in 2022
- Advanced Big Data Analytics using Hive and Sqoop from Tutorials Point in 2022
- Certification from Tableau authorized institute in Advanced understanding of Tableau Desktop and application of Visual Best Practice Methodologies valid for 3 years till Dec 20, 2024
- LinkedIn Learning Certificates:
- Certificate Of Completion-SQL Essential Training
- Certificate Of Completion- Data Science Foundations Data Mining in Python
- Certificate Of Completion-Introduction to Spark SQL and DataFrames
- Certificate Of Completion- Alteryx Analytics Tips and Tricks
- Certificate Of Completion -Data Engineering Foundations
- Certificate Of Completion-Deep Learning Model Optimization and Tuning
- Certificate Of Completion-Essentials of MLOps with Azure Spark MLflow Models and Model Registry
- Certificate Of Completion-Transformers Text Classification for NLP Using BERT
- Certificate Of Completion- Data Pipeline Automation with GitHub Actions Using R and Python
- Certificate Of Completion-Excel Supply Chain Analysis Solving Inventory Problems
- Certificate Of Completion-Excel Supply Chain Analysis Solving Transportation Problems

Other Certifications:

- Completed Management Development Program from NITIE, Mumbai on "Application of Artificial Intelligence / Machine Learning in operations & supply chain management during the period Jan 22nd-Jan 29th 2022
- Global Online Certification Course on 'Supply Chain Operations & Disruptions Management by Prof. Tadeusz Sawik (AGH University, Poland & Reykjavik University, Iceland) in 2021, a certificate issued by NITIE, Mumbai
- Global Online Certification on Supply Chain Digitization and Management by Prof. David Simchi-Levi (MIT, USA) & Prof. Manoj K. Tiwari (Director, NITIE) in 2021, a certificate issued by NITIE, Mumbai.
- Global Online Certification on Modelling and Building Digital Supply Chain Twins using anyLogistix by Prof. Dr. Dmitry Ivanov (Berlin School of Economics and Law, Germany) & Prof. Manoj K. Tiwari (Director, NITIE) in 2022, a certificate issued by NITIE, Mumbai



Apt in:

Python and R for Data Science, Artificial Intelligence and Machine Learning algorithms -classification, regression, natural language processing, principal component analysis, discriminant analysis, support vector machine, decision tree / forest ensembles, using algorithm libraries / frameworks like H2O, Keras and TensorFlow

Neural networks, mixture models, ARIMA, Bayesian models, K-Nearest Neighbours, Text Analytics and clustering algorithms Experience on Optimizer model development with Gurobi, knowledge of Apache Hive, PySpark with MapReduce, designing supply chains with IBM CPLEX based anylogistix software,

Predictive analysis, Time series forecasting using ARIMA models and Holt Winters forecasting, Using Databricks, SQL and Hive queries for data engineering and big data analytics, Poisson models, Survival models, Hierarchical models, Naive-Bayesian estimators, Industry 4.0 strategy and implementation, MLOps, Machine Learning models deployment using Flask API, HuggingFace Transformers, LLMs

RDBMS: MySQL, Postgres SQL **Data Base**: Elasticsearch, Neo4j

ERP System: SAP-Materials Management, BaaN, Maximo,

MS Office: Microsoft Office-Word, Advanced Excel, PowerPoint

e-Sourcing: SAP-Ariba

Data visualisation: Tableau, Microsoft Power BI **Cloud computing:** Azure, AWS, Google Colab



1. Building a knowledge-grounded chatbot using LLM

GitHub link: https://github.com/Rajsh1111/Building-a-knowledge-grounded-chatbot-using-LLM.git

This project provides a comprehensive understanding and practical experience in working with Large Language Models (LLMs). It covers fundamental concepts, advanced techniques, and practical applications of LLMs, to effectively leverage them for tasks such as text generation, fine-tuning, and building knowledge-grounded applications like a chatbot for online shopping.

Technology Stack used: Language: Python 3.8, Libraries: transformers, datasets, torchdata, torch, streamlit, openai, Lang chain, unstructured, sentence-transformers, Chromadb, evaluate, rouge_score, loralib, peft

2. Building a RAG chatbot using LlamaIndex, Grog with Lamam3 and Chainlit

GitHub link: https://github.com/Rajsh1111/Building-RAG-chatbot-with-LlamaIndex-Groq-Llama3-and-Chainlit.git

In this chatbot we use LlamaIndex "connectors" to ingest data from various sources like text files, PDFs, websites, databases, or APIs into "Documents". Documents are then split into smaller "Nodes" which represent chunks of the original data. LlamaIndex generates "vector embeddings" for the Nodes, which are numerical representations of the text. These embeddings are stored in a specialized "vector store" database optimized for fast retrieval. Popular vector databases used with LlamaIndex include Weaviate and Elasticsearch.

When a user submits a query, LlamaIndex converts it into an embedding and uses a "retriever" to efficiently find the most relevant Nodes from the index. Retrievers define the strategy for retrieving relevant context, while "routers" determine which retriever to use. "Node postprocessors" can apply transformations, filtering or re-ranking to the retrieved Nodes. Finally, a "response synthesizer" generates the final answer by passing the user query and retrieved nodes to an LLM.

3. Using PySpark and Hive along with Python and SQL to analyze New York Taxi trips database

GitHub link: https://github.com/Rajsh1111/Using-PySpark-to-analyze-database.git

The project consists of multiple parts, covering the comparison between Spark Datasets and Spark DataFrames, the utilization of Spark SQL for querying structured data, recapitulation of Spark SQL and its joins, in-depth analysis of Spark's performance and optimization techniques, understanding query execution plans, exploration of Spark User-defined Functions (UDFs), guidance on running Spark Jobs locally and in the cloud.

4. Implementing Agentic Retrieval Augmented Generation (RAG) using Langchain

GitHub link: https://github.com/Rajsh1111/Implementing-Agentic-Retrieval-Augmented-Generation-RAG-.git

Agentic RAG is an agent-based approach to perform question answering over multiple documents in an orchestrated fashion, for comparing different documents, summarize a specific document or compare various summaries. Agentic RAG is a flexible approach and framework to question answering. Here we essentially use agents instead of a LLM directly to accomplish a set of tasks which requires planning, multi-step reasoning, tool use and/or learning over time. Basic Architecture: The basic architecture is to setup a document agent of each of the documents, with each document agent being able to perform question answering and summarization within its own document. Then a top-level agent (meta-agent) is setup managing all of the lower order document agents. Technology Stack Used Langchain — more specifically LCEL: Orchestration framework to develop LLM applications OpenAI — LLM FAISS-cpu — Vectorstore.

5. Building a Reliable Retrieval Augmented Generation (RAG) Agent using LangGraph

GitHub link: https://github.com/Rajsh1111/Build-a-Reliable-Retrieval-Augmented-Generation-RAG-Agent-using-LangGraphh.git

Building reliable RAG agents using LangGraph, Groq-Llama-3 and Chroma by combining the below concepts to build the RAG Agent.

Adaptive RAG: We have implemented the concept to build a Router for routing questions to different retrieval approaches.

Corrective RAG: We have implemented the concept to develop a fallback mechanism to progress with when the context retrieved is irrelevant to the question asked.

Self-RAG: We have implemented the concept to develop a hallucination grader. i.e. fix answers that hallucinate or doesn't address the question asked.

Technology Stack Used Embedding Model: BAAI/bge-base-en-v1.5 LLM: Llam-3–8B Vectorstore: Chroma Graph / Agent: LangGraph

6. Project: Truck delay prediction for a logistics company

GitHub link: https://github.com/Rajsh1111/Truck-delay-prediction-project-.git

The project addresses a critical challenge faced by the logistics industry. Delayed truck shipments not only result in increased operational costs but also impact customer satisfaction. Timely delivery of goods is essential to meet customer expectations and maintain the competitiveness of logistics companies. By accurately predicting truck delays, logistics companies can:

- Improve operational efficiency by allocating resources more effectively
- Enhance customer satisfaction by providing more reliable delivery schedules
- Optimize route planning to reduce delays caused by traffic or adverse weather conditions
- Reduce costs associated with delayed shipments, such as penalties or compensation to customers

We utilized PostgreSQL and MySQL in AWS RDS to store the data, set up an AWS Sagemaker Notebook, perform data retrieval, conduct exploratory data analysis, create feature groups with Hopsworks, data processing, and feature

engineering. We built a pipeline that prepares the data for model building.

This project leverages the AWS cloud platform to build the end-to-end machine learning pipeline.

The primary objective of this project is to create an end-to-end machine learning pipeline for truck delay classification. This pipeline encompasses data fetching, creating a feature store, data preprocessing, feature engineering, data retrieval from Hopsworks, model experimentation and tracking, model building for Logistics Regression, Random Forest and XGBoost, hyperparameter tuning, Streamlit application development and deployment of final selected model on AWS EC2 instance.

7. Project: Creating product recommender using vector data base and market basket analysis

GitHub link: https://github.com/Rajsh1111/Creating-Product-recommender-using-VectorDB-and-Market-Basket-Analysis.git

Our client is an early-stage e-commerce company selling various products from daily essentials (such as Dairy & vegetables) to high-end electronics and home appliances. It is a one-year-old company and they are witnessing many people coming to their platform and searching for products but only a few end up purchasing.

To increase the number of purchases, the business is planning to use cross-selling to motivate buyers to buy more. For this, we were asked to do exploratory data analysis followed by Market basket analysis. We also created product recommender system which is based on content-based recommendations and uses prompts in form of queries from end-user to find closest matching available products. It then suggests the same to the customer.

8. Project: Customer churn prediction

GitHub link: https://github.com/Rajsh1111/ML-Model-Deployment-on-AWS-for-Customer-Churn-Prediction.git

A well-known bank has been observing a lot of customers closing their accounts or switching to competitor banks over the past couple of quarters. This has caused a huge dent in their quarterly revenues and might drastically affect annual revenues for the ongoing financial year, causing stocks to plunge and market cap to reduce significantly. The idea is to be able to predict which customers are going to churn so that necessary actions/interventions can be taken by the bank to retain such customers. In this machine learning churn prediction project, we are provided with customer data pertaining to their past transactions with the bank and some demographic information. We use this to establish relations/associations between data features and customer's propensity to churn and build a classification model to predict whether the customer will leave the bank or not. We also go about explaining model predictions through multiple visualizations and give insight into which factor(s) are responsible for the churn of the customers. This project encompasses through a complete end-to-end cycle of a data science project in the banking industry, right from the deliberations during formation of the problem statement to making the model deployment ready on AWS cloud.

9. Project: Customer propensity and Recency Frequency Monetary modelling of customer base for an e-commerce company for customer segmentation

GitHub link: https://github.com/Rajsh1111/Customer-propensity-and-RFM-modelling.git

Our client is an early-stage e-commerce company selling various products from daily essentials (such as Dairy & vegetables) to high-end electronics and home appliances. It is a one-year-old company and they are witnessing many people coming to their platform and searching for products but only a few end up purchasing.

To increase the number of purchases, the business is planning to send discounts or coupons to users to motivate them to buy. But since it is an early-stage startup, they have only limited funds for this discount campaign. So, they have reached out to us seeking our help in building a model that would predict the purchase probability of each user in buying a product. We will be making use of propensity modelling for this.

■ 10. Project: To predict whether a customer will accept the recommended coupon

GitHub link: https://github.com/Rajsh1111/IIT-Roorkee-hackathon-To-predict-whether-a-customer-will-accept-the-recommended-coupon.git

We are hired as data scientists at a leading shopping mall in the country. The shopping mall has tied up with different restaurants/bars to provide discount coupons to all its customers. The coupons increase the footfalls at these restaurants and helps the shopping mall to attract more customers. The organization have been relying simple guidelines to determine what coupons are to be provided to the customers, however the organization feels that they need a more robust model to determine whether a customer will accept the recommended coupon or not to improve the use rate. Organization plans to use a mix of client's details that they have captured to create this model. We are provided with the historical data of the recommended coupons along with customer details in the previous years and our task is to come up with a model which would be able to predict whether a customer will accept the recommended coupon The coupons have been issued from the mall to increase the footfalls in the restaurants and overall customers for the mall.

■ 11. Project: Exploratory data analysis for various datasets from marketing, sports and apps download data from Google store

GitHub link: https://github.com/Rajsh1111/Exploratory-Data-Analysis.git

This repository showcases exploratory data analysis.

- Data wrangling code
- Regular expressions processing using Regex
- Apps downloaded from Google play store
- Analysis of runs scored, other vital statistics for cricket players in One day internationals
- Marketing case study data analysis

Some of the data processing activities performed are as follows:

- Slicing and indexing of data frame
- Value count and cross tabulations
- · Sort data frame by column values
- Grouping and aggregating
- Preparing Pivot tables
- Filtering records
- Handling missing values
- Visualizations: Bar chart, Histogram, Distribution density plot, Box plot, comparing distributions, scatter plots, par plots, correlation and heat Map.

12. Project: Credit Card Default Prediction using Machine learning techniques

GitHub link: https://github.com/Rajsh1111/Credit-Card-Default-Prediction-using-Machine-learning-techniques.git

Banks are primarily known for the money lending business. The more money they lend to people whom they can get good interest with timely repayment, the more revenue is for the banks. This not only save banks money from having bad loans but also improves image in the public figure and among the regulatory bodies. The better the banks can identify people who are likely to miss their repayment charges, the more in advance they can take purposeful actions whether to remind them in person or take some strict action to avoid delinquency.

In this credit scoring system project, we have used a dataset containing two files- training data and test data. We have a general profile about the borrower such as age, Monthly Income, Dependents, and the historical data such as what is

the Debt Ratio, what ratio of the amount is owed with respect to the credit limit, and the number of times defaulted in the past one, two, three months. We have used all these features to predict whether the borrower is likely to default in the next 2 years or will not have a delinquency of more than 3 months.

- **Summary of other data science and data engineering projects:**
- PySpark projects:
- Building classification and clustering models with PySpark and Mlib
- Building regression models with PySpark and Mlib
- PySpark project- building data pipeline using Kafka and Redshift
- PySpark project- building data pipeline using Hive and Cassandra
- PySpark ETL project for real time data processing
- Building a data pipeline in AWS using Spark and ELK stack
- Building a real time spark streaming pipeline on AWS using Scala
- Large Language Models, Transformers and Natural Language Processing:
- Building systems like customer service chatbot using Prompt Engineering and ChatGPT API and evaluating their performance by devising prompt/s for the same. This project encompasses splitting complex tasks into a pipeline of subtasks using multistage prompts; making chains of prompts that interact with completions of prior prompts; making Systems where Python code interacts with both completions and new prompts; classifying user queries to a chat agent's response, evaluating user queries for safety, and processing tasks for chain-of-thought, multi-step reasoning; evaluating LLM inputs and outputs for safety, accuracy, and relevance
- Fine Tuning LLMs for Code/Query Generation or Text Summarisation
- Building a Question-Answering System Using OpenAI LLMs on 'Private Text'
- Zero and Few-Shot Classification with Transformers, LLMs and stormtrooper
- Named Entity Recognition with OpenAI LLMs Extracting Conversation Metadata
- Building a knowledge-grounded chatbot using LLMs
- Building a chatbot to answer employee queries pertaining to Human Resources Department
- Training Large Language Models by using Gradient Automation, Gradient checkpointing, Automated mixed precision
- Fine tuning Llama-2-7b per customer and serving through Lorax
- Evaluating performance of Large Language Models by using Ragas
- Training GPT2 model
- Using a pre-trained transformer model and tokenizer from HuggingFace library to classify text
- Named Entity Recognition (NER) by directly using the BERT-base-NER model in Hugging Face
- Fine-tuning the pre-trained Google-T5-small model in Hugging Face for text summarization
- Making question answering model by using a pre-trained model in Hugging Face
- Fine-tuning the pre-trained BERT model on SQuAD dataset in Hugging Face for question answering model

- Abstractive text summarisation using Google-T5-small model
- Abstractive text summarisation using Pegasus and BART
- Text classification and Named Entity Recognition extraction using Transformers like BERT and transformers from HuggingFace library
- Text classification using Word Embeddings & Neural Networks
- Predicting the probability that an online transaction is fraudulent using machine learning on a challenging large-scale dataset
- Sentiment Analysis and classification of Tweets using Random Forest Classifier
- Deep Convolutional Neural Network for Sentiment Analysis (Text Classification)
- Building sentiment analyser by making use of RNN (Recurring neural network)
- Finding Commercial Vehicle Expected time of arrival considering Route Constraints
- Route Optimization Based on Trip Factors
- Fuel Station Recommendation for Optimal Refuelling
- Text classification with an RNN (Recurring neural network)

Supplier segmentation:

- The objective of this project was to build a system to recommend supplier segmentation based on the ratings given in the suppliers' scorecard.
- We have more than 200 suppliers which are scored on five parameters: Quality, Delivery, Safety, Services, and Pricing. We score these suppliers on these parameters with max. the score being 5. Now we need to cluster these suppliers on basis of these scores.
- We get three well-separated clusters by using python code for hierarchical clustering technique
- This helps in deciding a strategy for these suppliers as per the category they belong to.

Supplier score prediction:

The objective was to predict the overall score of suppliers based on scores on five parameters: Quality, Delivery, Safety, Services, and Pricing based on Linear regression model fitted by using scikit-learn library in Python.

Supply Chain Optimization by using Python along with Gurobi, Ciplex, Google OR tools:

Finding the optimal locations of manufacturing facilities and distribution centers to meet customers' demand and reduce production costs and shipping costs and to redefine the Supply Chain Network for the next 5 years considering the recent increase in shipping costs and the forecasts of future demand by using Gurobi, Ciplex and Google OR tools

Projects pertaining to Marketing Analytics:

- Clustering customer reviews by using word embeddings, K-means, Latent Dirichlet Allocation and Latent Semantic Analysis
- Creating customer segments based on manipulated data
- Predicting customer lifetime value using linear regression
- Using classification algorithms to understand customer choice

- Qptimizing classification algorithms to extract maximal customer information
- Projects pertaining to Data Engineering and Machine Learning:
- Movie Recommendation:
- The objective of this project was to build a recommendation system to recommend movies to users based on the ratings given to different movies by the users.
- Skills and Tools used:
- Collaborative Filtering, Matrix Factorization, Recommendation Systems
- Data Analysis of the Pima Indians' Tribe who were tested for Diabetes:
- The project objective was to explore how the different diagnostic values change & behave individually and with each other in the women of the Pima Indians tribe who were tested for diabetes.
- Skills and Tools used:

Visualization & Data Interpretation using Python, Descriptive Statistics, Exploratory Data Analysis

- Products Recommendation:
- The objective of this project was to build a recommendation system to recommend products to users based on the ratings given to different products by the users.
- Skills and Tools used: Collaborative Filtering, Matrix Factorization, Recommendation Systems
- We got the predictions for each model: Normal Predictor, Collaborative models (User-based & Item-based) as given by KNN Basic and Matrix Factorization Model.
- Recommender systems are used by E-commerce portals to recommend products to their customers. The products can be recommended based on the top overall sellers on a site, based on the demographics of the customer, or based on an analysis of the past buying behavior of the customer as a prediction for future buying behavior.
- Insurance costs prediction:

Built a Linear regression model for medical cost dataset. The dataset consists of age, sex, BMI (body mass index), children, smoker and region feature, which are independent and charge as a dependent feature. Using this model, we predicted individual medical costs billed by health insurance.

Sentiment analysis of product reviews:

The objective was to predict overall sentiment analysis of product reviews on Amazon by using Text Analytics.

I made use of Natural Language Processing techniques and Vader sentiment analysis for accomplishing the same.

Mall Coupon selection – for increasing the customers in the mall:

The objective was to come up with a model which would be able to predict whether a customer will accept the recommended coupon issued from the mall to increase the footfalls in the restaurants and overall customers for the mall. My team was runners up (second position) in hackathon on Machine Learning modelling conducted at IIT-Roorkee in April 2022 on this project pertaining to Mall Coupon selection.

Academics:

June'22-March'24 Masters in Data Science from Northwestern University, Chicago, USA

June'21-May'22 Post Graduate Certificate in Data Science and Machine Learning from IIT, Roorkee

Previous work experience details:

Sept'18- Aug'21 Atotech India Private Limited as Regional Manager

Apr'14-Aug'18 BASF INDIA Ltd., Mumbai as Senior Manager (Category Team Lead)-Capex & MRO Procurement

Jun'12 - Mar'14 ADANI Power Ltd., Ahmedabad as Dy. Gen. Manager- Procurement

Nov'10 – May'12 Reliance Power Ltd., Shahjahanpur as Sr. Manager- Procurement

Oct'09 - Nov'10 HINDUSTAN ZINC Ltd., Udaipur (A Vedanta Group Company) as Manager- Procurement

Aug'05 - Oct'09 LARSEN & TOUBRO Ltd., Mumbai as Manager-Procurement

Jul'01 - Aug'05 GUJARAT GUARDIAN Ltd., Ankleshwar as Executive - Sourcing

Jun'98 – Jul'01 EICHER MOTORS Ltd., Pithampur as Assistant Manager

Personal Details:

Expected CTC: Negotiable

Status: Married

Present location: Navi Mumbai