Mansi Jain

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I have experience of 1+ years working on Python, NumPy, and Pandas libraries. I enjoy applying my analytical and problem solving abilities to get a better understanding of problem and derive a solution for it.

EDUCATION

Indiana University, Bloomington, IN

Aug 2021 – May 2023

M.S. in Data Science

Courses: Artificial Intelligence, Data Mining, Applied Algorithms, Machine Learning for Signal Processing

Veermata Jijabai Technological Institute (VJTI), Mumbai, India

May 2019 GPA 3.35/4

GPA 3.8/4

Bachelor of Technology in Electrical Engineering

Courses: Probability & Statistics, Numerical Methods, Optimization Techniques

PROFESSIONAL EXPERIENCE

Jun 2019 - Jul 2021

Bank of America Continuum, Mumbai, India

Senior Tech Associate

- Created efficient SQL queries and optimized existing queries for the quick retrieval of data to be displayed to the end-users.
- Employed REST API call methods to integrate Sales Cloud and Marketing Cloud in Salesforce.
- Worked with a global team of 5 people to streamline the process of saving the customer data generated on the bank side for proper accessibility using Apex, VF pages, triggers.
- Implemented Lean Agile process using Jira for sprint planning and user stories tracking.

Tata Power Plant, Mumbai, India

May - Jun 2018

Intern - Electrical Maintenance Department

- Developed an understanding of various parameters related to efficient functioning of power plants. Also got an exposure to the practical application
 of theoretical principles in a complex and technical environment.
- Gave exposure on how the data generated in the system is being stored and analyzed using a tailored Siemens SPPA T- 3000 control system for the power system

Siemens, Mumbai, India May - Jun 2017

Intern - Switch Gear Factory

- Analyzed and suggested a technique to improve the efficacy of the factory.
- Achieved this goal by rearranging the visual boards to give it a productive and attractive look.

Bhabha Atomic Research Centre, Mumbai, India

May - Jun 2016

Intern - Accelerated Pulse Power Division

- Designed and developed a Rogowski Coil to measure the voltage variation in the Electro-magnetic signals sent.
- Assisted with the experiment of electro-magnetic welding experiments being conducted.

PROJECTS

Eli Lilly's Expert Search Project, Course Project

Jan 2022 - Current

- Main aim of the project is to reduce the time and cost to externally research for an "expert" and agree to external engagements with consultancies or vendors.
- Implement a recommendation system where the users can provide and rate their skills and the people requiring an "expert" can search them based on their expertise level.

Territory Generation for Pharmaceutical Organizations, Course Project

Dec 2021

- Defining precise territory alignment clusters for every sales force team for marketing of medicines and medical equipment.
- Used data preprocessing techniques like feature reduction, encoding, grouping for better model building.
- Applied PCA to combine the features of the datasets and then applied K-Means clustering algorithm to form the clusters.

SOFTWARE SKILLS AND CERTIFICATIONS

- Programming Languages: Python, Java, Apex, Visual Force.
- CRMS Tool: Salesforce (Sales Cloud), SOQL
- Visualization: Tableau
- Libraries: Numpy, Pandas, Scipy.
- Salesforce Platform Developer -1