PRAGYA BHARDWAJ

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EDUCATIONAL QUALIFICATION

- ❖ M.Tech. – Data Analytics, Jaypee Institute Of Information Technology, Noida (2019-2021)
- ❖ B.Tech – Computer Science Engineering, Inderprastha Engineering College, Ghaziabad (2015-2019)
- ❖ 12th – A.S.N Sr. Sec. School, Delhi (2014-2015)
- ❖ 10th – A.S.N Sr. Sec. School, Delhi (2013-2014)

WORK EXPERIENCE

RESEARCH INTERN - BRAND05

- Developed strategies to create awareness of the organization on social platforms using Twitter API
- Increased customer growth by developing user-driven content

ANALYST - CHA BLENDS

- Developed a small project based on the prediction of the number of customers by adding some new features to the existing systems.

EDUCATOR – SKILLBUZZ YOUTUBE CHANNEL

- Developed technical content for the students, wishing to transform their carrier into machine learning and data science. Prepared an entire course on Machine Learning with Python and developed videos for the same.

PROJECTS

AIR QUALITY MANAGEMENT IN BIG DATA SYSTEMS

- The project focused on the visualization of air quality using Cassandra as the database and finding conclusions in R. Through this project, the most hazardous pollutant among seven pollutants from the dataset was found.

TEST ACCURACY COMPARISON ON DIFFERENT MODELS OF DEEP NEURAL NETWORK USING COVID'19 X-RAY DATASET

- The project focuses on visualization of test accuracy and tests score of two models i.e. Convolution Neural Network and VGG16 model on COVID'19 dataset.

BRAND PROMOTION ON TWITTER

- Performed sentiment analysis and then based on the tweets extracted build a model to increase the brand presence of sports brands using Twitter API 'tweepy'.

ANALYSIS AND VISUALIZATION OF COVID'19 DATA

- A project that gives a deep understanding about the count of primary health services in India and collating a report by working on top 20 states of India and finding the ones that have the most and least presence of basic healthcare facilities. After that applying machine learning models to find the best "classifier" that pertaining to the dataset.

SYSTEMATIC LITERATURE REVIEW - DevOps

- Performed Systematic Literature Review on DevOps and understand the importance of conducting and steps involved in performing the same.

MOVIE RECOMMENDATION ENGINE USING HADOOP CLUSTERING

- The project focusses on developing a hadoop cluster environment consisting of 3 machines in a single device. This project was developed using Spark API, MLib which had the functionalities to build the recommendation model.

TECHNICAL SKILLS

- **Languages:** Python, R
- **Databases:** MySQL, Hive, Cassandra, Redis, MongoDB
- **Research:** Survey Creation, Focus Groups, Qualitative Research

CERTIFICATIONS

- Machine Learning with Python - IBM
- Data Analysis with Python - IBM
- NPTEL - IIT MADRAS - Introduction to Modern Application Development
- Android and Web Development - Netcamp Solutions
- Networking - APTRON SOLUTIONS

ROLES AND RESPONSIBILITIES

PRESIDENT - EAST DELHI TOASTMASTERS CLUB

- Toastmasters is a public speaking and leadership development organization. Being the president, I managed a team of seven members and worked for the development and growth of the members.

EXTRACURRICULAR ACTIVITIES

- 2nd Runner Up- Club Level Table Topics Contest
- Best Case study presenter in IPEC TECHATHLON
- Runner Up at College Level "Best Project Idea" challenge