

Nirmala Auti

Junior data scientist

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2.1 years 📅



Objective

To secure a challenging position in a reputable organization to expand my learnings, knowledge, and skills.



Experience

Junior data scientist | IBM | 2.1yrs.

Oct 2019– Till now



Skills

- Python, MySql
- Pandas, Numpy, Regex
- Linear & Logistic Regression, Naive Bayes, K-NN, K-Means, Decision Tree, Random Forest, Boosting Algos, NLP, Deep Learning
- Flask Web framework
- AWS
- Windows, Conda, VS Code
- ML lib & NLP
- Postman
- Power BI



Competencies

- Experience using ML libraries, such as scikit learn, Seaborn, Matplotlib, Pandas, numpy, RegEx etc.
- Experience diving into data to discover hidden patterns
- Take ownership of the data science model end-to-end from data collection to model building to monitoring the model in production.
- Solid understanding of the mathematics related to data science probability, statistics, linear algebra etc.
- Ability to understand business concerns and formulate them as technical problems that can be solved using data and math / stats / ML
- Experience working as part of a product team, along with engineers and product managers, to define the problem and execute the data science solution.



Projects

- **Project 1** : Loan Management System
- **Domain** : Finance

Description:

- Extracting the meaningful patterns from a variety of data sources and types to describe and predict key outcomes. Approach that High-quality analytics, grounded in clean, secure data, enables compelling, actionable data stories, scorecards, and dashboards into a financial domain to cater the need of a secure Loan Management System.

Responsibilities:

- Design and conduct examinations to measure the learning outcome of participants
- Identify Solve interesting problems involving rich datasets in various domains. Accordingly, create capstone projects on the evolving use cases in the industry
- Identify key emerging trends in the industry and maintain a rich reference material
- Identify key reporting metric sand create dashboards to enable quick decision making

- **Project 2** : Automated Document Classification (NLP)
- **Domain** : Finance

Description:

- A platform is able to recognize and categorize all types of incoming documents by content type, and automate the extraction of relevant index data per document type. The process of extracting all relevant index data allows Extract to more intelligently, and consistently, route documents to desired levels within a database,.

Responsibilities:

- Mine and analyze data from company databases to drive optimization and improvement of product development, marketing techniques and business strategies.
- Search for ways to get new data sources and assess their accuracy
- Assess the effectiveness of new data sources and data gathering techniques.
- Use predictive modeling to increase and optimize customer experiences, revenue generation, ad targeting and other business outcomes.
- Coordinate with different functional teams to implement models and monitor outcomes.
- Develop processes and tools to monitor and analyze model performance and data accuracy.



Education

MSC(CS)| Pune University