SAMHITA VINNAKOTA

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CAREER OBJECTIVE

Aspiring to prove my capabilities and add value to a reputed company that provides professional development, interesting experiences and personal growth.

EDUCATION

- BE (Information Science) in CMR IT, Bangalore : 2013-2017
- Inter from the Board of Intermediate, Vijayawada, AP : 2013
- SSC with Secondary Education Board, Kakinada, AP : 2011

TECHNICAL SKILLS

- Languages : C, C++, Java, SQL, R, SAS, Python, JavaScript, NodeJS, MongoDB
- Tools : Selenium, Tableau
- Machine Learning : Linear Regression, Logistic Regression, Decision Tree, Random Forest, Segmentation and Clustering, Time series analysis

CERTIFICATIONS AND TRAINING

- Certified Data Science Specialist | Edvancer Eduventures | Aug '19
- The complete Javascript course | Udemy | September'20

EXPERIENCE

- Working as an NodeJS developer in FlexiEle Consulting Services.
- Supporting a cloud based Human Resource Management System as a backend developer.
- Developed APIs for sending notifications to interviewers, generating reports, validation of employee data, merging all form 16 files of an employees and uploaded to Amazon web services etc.
- Designing and developing automated components for system on the back-end.

PROJECTS DONE DURING CERTIFICATION

DATA SCIENCE PROJECTS:

Project: Banking | Tech Stack : R

- Objective : A bank was rolling out a new term deposits product and wanted to predict which of their existing customers to target as part of maximizing ROI.

- Solution : Deployed Logistic regression to create a propensity model in R language to predict those customers most likely to respond positively to the new product and the campaign.

- Key Achievement : Achieved a model accuracy of 80% and AUC of 90%.

Project: Consumer Complaints Resolution | Tech Stack : Python

- Objective : Consumer complaint resolution is important to any business. In this particular case we have been given detailed consumer complaints along with whether consumer disputed with the conclusion. If we are able to predict this, consumer who is more likely to dispute a conclusion can be given more attention as to how the complaints are handled as well as how persuasively the final conlusions are conveyed to them.

- Solution : Deployed Random forest to predict which consumer is more likely to dispute the resolution of a complaint.

- Key Achievement : Achieved a model accuracy of 70%.

Project: Data Visualization Project | Tech Stack : Tableau

- We have the data which contains building city, building state, building status, property type, total parking spaces, owned/leased. We need to find the answers for the following questions:

- How is the overall situation of total parking spaces by
    - Owned/Leased
    - Property type
    - Within each property type how is owned and leased
    - By building status
    - By building state

- In which building state parking situation is in excess.

- In which type of property parking space is in excess.

LANGUAGES : English, Telugu and Hindi. Understanding skills in Kannada.