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SANDEEP

ML/AI DEVELOPER

- Working as ML/AI Developer for Secninjaz Technologies LLP, Delhi
- 4 years of exp. in Data Science, Data Visualization, Machine Learning and Deep Learning solutions
- Hands on experience in using R, Python(Modules) and SPSS
- Proficient in Machine Learning algorithms (Supervised and Unsupervised)
- Good in Deep Learning ,Neural Networks and Computer vision
- Familiar with Google Cloud Platforms
- Good in web scrapping using selenium and regex
- Knowledge in Data Visualization using Tableau
- Knowledge in Augmented Reality Face Filters

PROFESSIONAL ACHIEVEMENTS

DATA SCIENCE SOLUTIONS

- Fault Association Modelling
- Consumer Banking (Cards, Loans) and Customer Segmentation
- Customer Attrition Model
- Natural Language Processing
- Time Series Modelling (ARIMA Model)
- Association Rules (Market Basket Analysis)

NEURAL NETWORKS

- Person Identification ,Face recognition and Emotion detection
- Object Recognition and Detection ,Action recognition

SKILLS

Operating Systems : Windows, Linux / UNIX

Data Mining Tools : Python(Pandas, Numpy, Scikit Learn, Tensor flow, Keras), R, SPSS Statistics

Data Visualization : Tableau, R and MatplotLib

Data Environment :MS Azure ML ,GCP and SQL Server and MongoDB

WORK HISTORY

Secninjaz Technologies LLP — **OSINT** — **July 2019 – Till to Date**
Role: ML/AI Developer — Location: Delhi

Affine Analytics Pvt Ltd — **Decision Sciences** — **March2017 – June 2019**
Role: Jr. Data Scientist — Location: Bangalore

Perceptive Analytics Pvt Ltd — **MIS Reports** — **July 2015 – Feb 2017**
Role: Reporting Analyst — Location: Hyderabad

PROJECTS:

Project 1: Audio Sentiment Analysis for employee behavior towards client.

Technologies Used: Python

Role: ML & AI Developer

Description: SFM monitors the inbound and outbound calls between clients and employees; using artificial intelligence SFM observes it deeply via words and emotions. Using this model it shows whether the result is positive or negative or neutral sentiment and I worked for both English and Hindi languages.

Roles and Responsibilities:

- Analysed the business requirements and functional specifications
- Done extensive exploratory data analysis
- Google API for speech recognition
- Done text pre-processing
- Model construction by utilizing Naive Bayesian
- Performance metrics reporting and documentation
- Perform statistical analysis and fine-tuning using test results

Project 2: AI and ML monitoring in the play schools through video data obtained from the CCTV.

Technologies Used: Python

Role: ML & AI Developer

Description: The problem statement or end goal is to identify the children's faces and detecting their emotions and analyzing their actions or activities and objects which is regular in pre-schools or (play schools) through video data obtained from the various CCTV and DVR devices.

Roles and Responsibilities:

- Analysed the business requirements and functional specifications
- Google vision API for Object detection
- Using Tensorflow object recognition API for object detection
- Making vision as custom for our requirement
- Object detection using YOLOv3
- Face recognition using one shot learning
- Emotion detection using Keras
- Activity or action recognition using tensorflow
- Integrating face recognition, emotion detection, object detection and action recognition

EDUCATION

Btech: Graduate Engineer in EEE (JNTU,HYD)