Mote Kranthi Kumar

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DATA SCIENTIST & AWS CLOUD

Totally 10 year's experiences in IT Sector, 8 years Digital Marketing executive (2011 -2018), after Change career in data science and AWS Cloud.

Intellipat Master's in Data Science Program Online certified, data scientist with 3 years of experience in G4S Security Services Pvt Ltd. Data Scientist familiar with gathering, cleaning and organizing data for use by technical and non-technical personnel. Advanced understanding of statistical, algebraic and other analytical techniques, highly organized, motivated and diligent with significant background in ML DL AI. Highly skilled in machine learning, data visualization, and creative thinking.

I can Create AWS Cloud Based analytics, Different Source Data gathering Extract Transform Load (ETL), Glue S3, Athena, Redshift and quicksight.

SKILLS INCLUDE:

- *Quantitative Methods*
- *Data Warehousing*
- *KPI Dashboards &BPI Plans*
- *Business Intelligence(BI)*
- *Machine Learning Model*

- *Data Structures*
- *Regression Analysis*
- *Data Mining & Visualization Tools*
- *Data Technologies*
- *Problem Solving*

- *Data Science Research Methods*
- *Research Data Management*
- *Statistical Computing Methods*
- *Experimental Design &Analysis*
- *Web Scraping*
- *Data and Quantitative Analysis*

Experience

G4S Securitie Services Pvt Ltd — Chennai, Data Scientist, June 2019 to Present

- Identify factors that predict which employees have the best performance and which will benefit from a change in their job position using machine learning.
- Exploratory Data Analysis (EDA) Data Cleaning, Data Transformation, data organization, data analyzing,
- Assets Coordinated with the stakeholder son project progress.
- Involved in the continuous enhancements and finding the best solution.
- Coordinated with the stakeholders on project progress.

Data Science, data analytics and cloud use Tools

- AWS Cloud working. Data Collection, AWS S3 Bucket, Users Accounts Management for AWS IAM policy Creating, AWS Glue for ETL Tools, AWS Athena for Easy to analyze data and finally Data Preparations and visualization Quick sight….

3KITS Website Design Services — Hyderabad, Digital Marketing Executive, Mar 2011 – Nov 2018

- Exceeded target online Customers
- Team performance enhancement, increasing revenue by21%.
- Increasing business promotion Google search social media.

ACCOMPLISHMENTS:

- *Data Mining and Modeling:* Collected, cleansed and provided modeling and analyses of structured and unstructured data used for major business initiatives. Outcomes:
  - A **15%** reduction in transportation costs, resulting in **$1.2M** annual savings.
  - Improved demand forecasting that reduced backorders to retail partners by**17%**.
  - Completed focus group and BI research that helped boost NW region sales by**15%**.
  - Identified, measured and recommended improvement strategies for KPIs across all business areas.
- *Dashboards:* Created visually impactful dashboards in Excel and Tableau for data reporting by using pivot tables and VLOOKUP. Extracted, interpreted and analyzed data to identify key metrics and transform raw data into meaningful, actionable information.

eCommerce: Designed and built statistical analysis models on large data sets (e.g., Aster, Teradata) that helped increase online sales (up to **15%** per product) and lowered cart-abandonment rate by **23%.** Algorithms

PROJECTS

1. ***Stock Price Prediction — JP Morgan Asset Management – Florida Sep 2019 - Sep 2019***
   Use the Sentiment Analysis Algorithms to understand the stock sentiments.
   Project: Twitter Sentiment Analysis
   Tools: NLTK, Python
   Algorithms: Sentiment Analysis
   Link:https://github.com/MoteKranthiKumar/

2. ***Customer Support System —Data Scientist   Sep 2019 - Sep2019***
   Customer support has become a challenging job for every business. We build a "customer support system" to address and support the needs of the customers.
   Tools: OpenCV, Python
   Algorithms: Convolution Neural Network and other facial detection algorithms
   Link:https://github.com/MoteKranthiKumar/

3. ***Stock Recommender Systems — JP Morgan Asset Management – Florida Oct 2019 - Oct 2019***
   Recommender systems have become the most popular feature of the stock market. We have developed a artificial intelligence stock recommender tool using the Deep Neural Networks and classification algorithms
   Tools: Python, Sk-learn
   Algorithms: Deep Neural Networks, classification algorithms
   Link:https://github.com/MoteKranthiKumar/

4. ***Predictive and real-time analysis – Banking industry January 2022***
   each user transaction is a rich source of data on which we may run various analytical algorithms and generate important information for forecasting future occurrences. In banking, a variety of data science.
   Tools: Python, Sklearn
   Algorithms: NLP, ML
   Link:https://github.com/MoteKranthiKumar/

5. ***Credit Card Fraud Detection in banking – July 2022***
   Credit card fraud detection is the process of identifying purchase attempts that are fraudulent and rejecting them rather than processing the order. There are a variety of tools and techniques available for detecting fraud.
   Tools: Python, SK Learn
   Algorithms: KNN, K-means clustering, SVM
   Link:https://github.com/MoteKranthiKumar/-Credit-Card-Fraud-Detection/

6. ***Data Engineering Database Architect/AWS/ETL Developer***
   AWS Cloud Data Integration, S3 to ETL Processing (extract, transform and load) to Athena, Redshift Data Warehousing and Finally Quicksign Data Visualization.
   Tools: Python, SQL, Snowflake, S3, Glue, Athena, Redshift, Quick sign and IAM

Education

Dr Br Amberkar Open University — **Hyderabad** ●**B. Com commerce** (GPA 72.5) (2019-2022)

Board of Secondary Education — **Andhra Pradesh** ●**10th Class (SSC)** (GPA 42.5) *(2005)*

Certifications: Data Science Master (Intellipat) 2019 ●**Machine Learning Master Program** – (UDEMY) 2019

Digital Marketing (Web Training-Hyderabad) 2011

Machine Learning Algorithms

- *Liner Regression*
- *Multiple linear*
- *Logistic Regression*
- *K Nearest Neighbours*
- *SVM*
- *Random Forest*
- *Decision Tree*
- *Naïve Bayes*
- *K-Means Clustering*
- *K-Means*
- *Gradient Boosting*
- *RNN, CNN,ANN*

Technical Skills

- *Numpy, Pandas, Matplotlib*
- *NLTK*
- *MS Excel*
- *Python, R, SQL*
- *Amazon SageMaker*
- *AWS Athena, Glue*
- *Azure ADF*
- *Scikit-Learn*
- *OpenCV*
- *Tableau Dashboard*
- *R Studio*
- *AWS Terraform*
- *AWS Quicksight*
- *Tensorflow*
- *PySpark*
- *Seaborn*
- *Jupyter Notebook*
- *AWS IAM*
- *SEO, SEM, SMO*

Declaration

I hereby declare that the details and information given above are complete and true to the best of my knowledge.

Date: Signature

Location: M.Kranthi Kumar