JUBIN MOHANTY
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EDUCATION:

Northeastern University | Boston, MA (GPA: 3.8)   Jun 2019
MS in Data Analytics

SKILLS:

Language: Python, R, SQL, Scala, PL/SQL, Java | **Web**: HTML, CSS, JavaScript, Jquery.
Database: Oracle 11g, Mysql, MongoDB.
Visualization/Reporting: Tableau 10.5, Excel 2016, Oracle ERP BB 11g.
Tools/Software: Eclipse, MySQL Workbench, Toad, SQL Developer, Jupyter Notebook, Pycharm, R Studio.
Server/ Dependency Management: Apache Tomcat. | **Version Control**: GIT.
Framework/Libraries: Numpy, Pandas, Scikit-learn, Mtplotlib, Seaborn, ggplot2, Dplyr, Caret, ARIMA time series, R-Shiny.
Big Data Ecosystems: Hadoop, Apache Spark, Map Reduce, HDFS, HBase, Zookeeper, Hive, Pig, Sqoop, Cassandra, Flume.

ACADEMIC PROJECTS:

Application to Detect Web-Based Network Intrusion: PySpark, Python, Mlib, SparkSQL | NEU, Boston
- Implemented logistic regression using Mlib library and performed map-reduction operation.
- Developed business logic using Spark SQL for identifying safer network connection and unsafe protocols.

Black Friday Sales Prediction: Clustering, Regression, One-hot encoding, python | Kaggle & NEU, Boston
- Designed a Sales prediction and classification model using One-hot encoding and regression.
- Modeled interactive and animated dashboard using plotly python framework and react js.

CLIENT PROJECTS:

Viacom Inc: KNN-Imputation, SGB, Regression, Random Forest, Python, Tableau | Boston, MA
- Build a prediction model for CPM-imputation by performing validation and testing using the random forest, stochastic gradient boosting and regression.   Jan 2019 – Apr 2019
- Achieved a 95% prediction accuracy in CPM estimations and helped the client to maximize profit.

Lifestory Health Inc: K-Mean Clustering, PCA,Neural Nets, R |Boston, MA   Sep 2018 – Nov 2018
- Developed a predictive model for the client by employing logistic regression, clustering, and feed-forward neural networks to label unidentified peptide samples and recognized the cause of glycation in protein.

EXPERIENCE:

Northeastern University | Graduate Teaching Assistant | Boston, MA   Feb 2019 - Present
- Assisted students and simplified complex logics in Adv SQL, warehousing and RDBMS.
- Conduct labs for hands-on practice in Apache Spark and created jupyter-notebook to teach pandas, numpy, matplotlib, Seaborn, bokeh, and scikit-learn.

Daikin Air-conditioning India Pvt Ltd | Data Engineer | Gurgaon, India   Jan 2017 - Jul 2017
- Designed interactive dashboards for factory's quarterly production data using tableau and python frameworks like plotly, bokeh.
- Summarized significant factors affecting the rate of production using regression/PCA and developed respective API's for automation using python.
- Developed database object (Stored Procedures) for automating processes of RCDU and FIDU factory production lines.

Capgemini India Pvt Ltd | Programmer Analyst | Mumbai, India   Aug 2015 - Oct 2016
- Executed ETL, indexing, mapping, and reduction operation on streaming data.
- Modelled time series forecasting and regression algorithms for maximizing profits for various manufacturing products.
- Conceptualized and developed API's for backend operation, and created various responsive webpages using JavaScript, Jquery, HTML-5, and CSS-3 for an Education Portal (Internal-Project).
- Developed database objects using PL/SQL and deployed in Oracle ERP-BB production environment.