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| Data Scientist  Datta Tele | 409-300-8045| datta.tele@gmail.com |2689, 65th street Port Arthur, TX-77640  dattatele.tk | https://github.com/dattatele| https://linkedin.com/in/datta-tele |

# Experience

Data Analyst/Research assistant - Lamar University **-** Beaumont, Texas - February 2016 - Present

* Developed a safety database by labeling and conceptualizing over 100,000 records of maritime industries.
* Built a predictive model in Python by improving the overall an accuracy by 30.7%.
* Performed data mining and data analysis operations by using SQL, MS Access, and MS Excel.
* Identified the classification error in data collection process and proposed recommendations to ABS.

Industrial Engineer - FIE Industry, Ltd. - India - August 2013 to July 2014

* Performed inventory planning and quality control at manufacturing plant.
* Implemented statistical analysis for inventory movements to track margin and turnover.
* Communicated effectively with senior management about productivity and lead inventory operations.

# Project Experience

Research: Text Classification of near miss records - Lamar University - January 2016 - July 2017

* Analyzed a large database to interpret responsible factors in near miss events - [URL - <http://bit.ly/2hUhMqw> ]
* Developed a text mining program to predict cause of near miss event with Python and Scikit-Learn libraries.
* Achieved an accuracy of 94.50 % for sampled dataset and enhanced reliability performance in agreement.

Geo\_consultant Web-app - Consultant Company - April 2017 - July 2017 - [URL - <http://bit.ly/2w05wI9> ]

* Launched Web Application for consulting company to track the consultant locations with Flask framework.
* Implemented Google API and Python geo-plotting libraries to visualize the location into the Google Maps.

Instakart Market basket analysis - Kaggle competition - July 2017 - Present

* Analyzed over 3 million customer orders dataset to predict which product will be in user’s next order.

Financial analysis - JPMorgan Chase vs Capital One - July 2017 - August 2017 - [URL - <http://bit.ly/2uAkZxr> ]

* Evaluation of responsible factors in the increase and decrease in the stock market price.

# Skills

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| **Programming:**  Proficient: Python (Pandas, Numpy, Blaze, Bokeh, Plotly), SQL (MySQL, PostgreSQL).  Prior experience: HTML, CSS, JavaScript, R  **Machine Learning:**  Classification, Regression, Clustering, Feature Engineering | **Tools:**  Big Data Analytics (Hadoop, MapReduce, Hive, Pig, and Spark), Microsoft BI, Tableau, Gretl, Google API, MS Excel, MS Access, MongoDB, AWS.  **Statistical Methods:**  Hypothesis Testing, Bayesian Analysis, Reliability Analysis, Semantic Analysis. | **Development Tools:**  Django, Flask, Docker, Dash, jQuery.  **Certification**: [Udemy]  Data Science and Machine Learning  The Ultimate Hands-On Hadoop.  The complete SQL Bootcamp  Django Full Stack Web Developer  Deep Learning in Theano + TensorFlow  Python for Financial Analysis and Algorithmic Trading |

# Education

Master of science, industrial engineering - Lamar University, TX - 3.67/4.00 - August 2017

Bachelor of engineering, Mechanical engineering - Shivaji University, India - August 2013