

PRANAVI MOTURU

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Authorized to work Full-Time in US for any Employer

SUMMARY

I am an adept analyst with over 2 years of educational and industry experience. I have experience in analyzing data sets and developing analytical reports, visualizations and dashboards using BI Tool **Tableau**. Additionally, I am also able to pull Data from database by implementing **SQL** queries. I also implemented data analysis using statistical tools like **R Studio**, **Jupyter Notebook** for **Python**.

EDUCATION

May 2018	New Jersey Institute of Technology, Newark, NJ MS in Management Information Systems Courses: Python for Data Science, System Analysis & Design, User Experience and Design, Web-systems Development, Enterprise Database Management, Data Analytics for Information Systems, Web Mining, Business Process Innovation.	GPA 3.8
2012-2016	Vignan's University, Andhra Pradesh, India Electronics and Communication Engineering	GPA 3.2

SKILLS

- **Databases:** MS Access, Oracle 11g, SQL Server Management Studio 2016
- **Business Intelligence Tools:** SSRS, Tableau, Power BI, SAP Business Objects.
- **Methodologies:** Agile Methodology, Scrum
- **Operating Systems:** Windows, Linux
- **Version Control:** GitHub
- **Statistical Packages:** Pandas, Numpy, Matplotlib, NLTK.
- **Languages:** R Programming, Python, Perl scripting, HTML, Javascript
- **Project Management:** MS Office (Word, Advanced MS Excel, PowerPoint), Visio, SharePoint, MS Project.

PROFESSIONAL EXPERIENCE

Dec 2018 – Present	Data Analyst, Stryker <ul style="list-style-type: none">• Used Vlook ups, pivot tables, macros in MS Excel for data cleaning and analysis.• Collection, maintenance, and measurement of item data attributes, including loading, editing, and/or verifying approval.• Respond to ad hoc data requests from internal team members.• Analyze large master data using Excel and BI tool Tableau.• Working on migrating the data from Windchill 9.1 to Windchill 11.1.
Jan 2018- June 2018	Research Data Analyst, New Jersey Institute of Technology <ul style="list-style-type: none">• Extracted drug related tweets from twitter and stored them in a CSV file.• Generated visualizations in Tableau to find frequently mentioned drug names.• Developed different visualizations using statistical packages in Python like Pandas, Numpy, Plotly and Matplotlib.• Analyzed different real time data sets in Jupyter Notebook environment.• Implemented Natural Language Processing using NLTK package in Python.
Dec 2015- Dec 2016	Data Analyst, Efftronics Systems Private Limited. <ul style="list-style-type: none">• Extracted data containing sales and revenue information from the database using SQL.• Implemented A/B testing to predict customer's behavior.• Performed data cleansing and made simplified results accessible to business users at all levels• Analyzed data collected from sales and marketing teams, implemented Ad hoc analysis and generated actionable insights using Tableau.• Integrated data from multiple sources using Tableau and determined KPI• Interact with clients to present simplified visualization reports and suggest data driven recommendations.

ACADEMIC EXPERIENCE AND GRADUATE PROJECTS

Sep 2017-Dec 2017	Health Application http://83axjx.axshare.com/#c=2 <ul style="list-style-type: none">• Performed Market Analysis by studying about competitors and built prototype of the application using Axure RP.• Used Agile and Scrum Methodologies, drafted Sprint Backlogs, determined Risk Management• Developed Use Cases, UML diagrams, Data Flow Diagrams, Risk Analysis and Product Backlog.
Jan 2018-May 2018	Statistical Analysis of Diabetes Dataset using R <ul style="list-style-type: none">• Performed extensive data analysis on data set using predictive machine learning algorithms like Naïve Bayes, Random Forest and regression analysis.• Predicted whether a patient has diabetes based on certain diagnostic measurements in the dataset.• Achieved highest accuracy of 80.7% for random forest model.
Jan 2018-May 2018	Data Analysis of Loan Dataset using Python <ul style="list-style-type: none">• Analyzed real time loan dataset which has different columns like Start date, Review date, LTV, Current balance, Lender institution type, Original value and Fico score.• Used different aggregate functions in python like min, max and mean to find the results.• Developed a cross tab report to find the sum of current balance for different values of LTV and Fico score
Sep 2017 - Dec 2017	Data Analysis Using Tableau <ul style="list-style-type: none">• Data is pulled from database by implementing SQL queries.• Analyzed and interpreted trends of recreational visits for selected national parks.• Documented the results which is used to boost marketing strategies and advertising campaigns.• Developed dashboards, calculated fields in Tableau to predict number of visitors.
Sep 2017 – Dec 2017	Data Mining Using Rapid Miner <ul style="list-style-type: none">• Interpreted and analyzed the data set which contains information of 80 different cereals by 7 manufacturers.• Determined best cereal by analyzing the attributes in the data set using statistical models Clustering, Naïve Bayes and decision tree.• Determined Accuracy, Precision, Simple Distributions using Rapid Miner and generated graphical results.• Based on results explained best cereal in the market and found that decision tree provides better statistical representation and appropriate results.

CERTIFICATIONS

- **Python** for Data Science
- **Google Analytics** for Beginners
- **Tableau** Certified

ACTIVITIES

- Front Desk Attendant, NJIT Residence Life.
- Student Volunteer for NJ Science Olympiad Competition.