

NAVEEN DAYAKAR VELPUR

230, John Street, Harrison, NJ-07029
dayakarnaveen.v@gmail.com | 9736871711

EDUCATION

RUTGERS UNIVERSITY
MASTER OF
INFORMATION
TECHNOLOGY AND
ANALYTICS
Graduated May 2018 |
Newark, NJ

ANNA UNIVERSITY
BACHELOR OF
ELECTRONICS AND
COMMUNICATION
ENGINEERING
Graduated Apr 2014 |
Chennai, India

LINKS

Github://[naveendayakar](#)
LinkedIn://[naveendayakar](#)
Kaggle://[naveendayakar](#)

SKILLS

PROGRAMMING

- R • Python • Numpy
- Pandas • SQL • C
- Java • Scala • VBA
- HTML • SAS • C++

TOOLS

- Excel • RStudio
- Tableau • StatTools
- Rodeo • Spark
- Eclipse • PowerBI
- Toad • QlikView
- Google Analytics
- MS Office Tools

DATABASE

- Oracle • MS Access
- MS SQL Server • MySQL

CERTIFICATIONS

- Udemy-Apache spark 2.0 with Scala
- UiPath-RPA Developer Foundation

SUMMARY

Data Analyst with over 2 years of hands-on experience leveraging large datasets to deliver data-driven business insights and business growth in the banking sector. A tech-savvy individual with programming skills and ability to bridge knowledge across multiple disciplines. Passionate learner with a complete inclination towards data science, both in thought and action.

EXPERIENCE

RUTGERS UNIVERSITY | TEACHING ASSISTANT/ GRADER
Computer Concepts | Sep 2017 – Present

- Assisted the professor to teach, devise lesson plans and grading of assignments. Tutored group of students with no programming experience.

RUTGERS UNIVERSITY | RESEARCH ASSISTANT
Disease Genotype Identification (R, Excel)

- Compared millions of genotypes in Parkinson's affected population with normal population using stratified sampling, machine learning techniques.
- Identified the SNP responsible for the disease using Chi-Squared test.

INFOSYS LIMITED | DATA ANALYST, Finacle (Banking Product)
May 2014 – Aug 2016 | Chennai, India

- Generated reports with rich visualizations in Tableau, for KPI dashboards to aid banks with analyzing customer churn, identify fraud transactions etc.
- Managed client's database, including creating, updating tables etc., and improved the banking application's performance by SQL query tuning.
- Collated information from databases using Toad, according to the client's requirements. Cleaned the data and organized into correlated datasets using StatTools for easy analysis and interpretation of patterns.
- Developed banking-focused behavioral and sentiment analysis with Python using unstructured data from online sources and semi-structured data from ATM-logs.
- Coordinated with cross-functional teams to exchange insights, analyze patterns and improve business needs.

PROJECTS

TWITTER SENTIMENT ANALYSIS | PYTHON

- Collected topic based tweets and performed sentiment analysis.
- Compared the polarity and subjectivity of tweets done by a user, with the user's followers. Created a chain of followers with common characteristics.
- Polls made simpler by analyzing recent tweets by users.

CMS REIMBURSEMENT ANALYSIS | R, EXCEL, STATTOOLS

- Consolidated over 2 million rows of data with more than 50 attributes.
- Used StatTools to find the correlation between attributes, confidence intervals etc. Visualized repayment patterns by CMS and its relationship with the characteristics of patients and Medicare providers using Tableau.

YELP RATINGS ANALYSIS | PYTHON, R

- Extracted genre-wise ratings of restaurants, triangulated the location with highest rated restaurants of that particular genre.
- Analyzed polarity of ratings by users, found the next potential profitable location for restaurants by consolidating reviews with positive polarity.

INTERVIEW CRACKER | PYTHON

- Developed application for web-scraping skills and recommended jobs for a user profile using BeautifulSoup and NLP techniques.
- Stored the appropriate interview questions in a single file using python.