



Suyash Singh

Data Science Intern at Graybar
MS-IM in Data Science & Analytics (3.79/4.00)
University of Illinois at Urbana Champaign

Contact: - +1-217-778-3365
Location - San Francisco, CA

CAREER SUMMARY

An enthusiastic business-minded data scientist with an insatiable curiosity to delve deeper in data science domain. Experienced working on data-driven projects for various companies and clients.

Graduation: Dec 2018

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GitHub: www.github.com/iSuyash14

TECHNICAL SKILLS

Programming Language: Python (NumPy, Pandas, Seaborn, Matplotlib, Plotly, Bqplot, Scikit-learn), Tensorflow, SQL, R, C++

ML Algorithms: Linear & Logistic Regression, KNN, K-Means Clustering, Decision Trees, Random Forests, NLP, Support Vector Machines

Analytic Tools: Tableau (Desktop & Server), SAP Web IDE, OpenRefine, Regexpr, Weka, MS Excel, MS Power BI, QlikView

Other Tools: Oracle SQL Developer, YesWorkflow, MS Visio, Unilog (CMM2), Insite, IBM WebSphere

WORK EXPERIENCE

DATA SCIENCE INTERN - GRAYBAR

(May '18 – Present)

- Worked as Team Lead, Communication Lead and Solution Architect on 3+ project simultaneously
- Performed qualitative and quantitative analysis on HR Employee Attrition dataset using various data analysis tools and NLP concepts
- Applied Machine Learning models to predictive the probability of an employee leaving the company with an accuracy of 89%

SENIOR BUSINESS INTELLIGENCE CONSULTANT (B.I.G, SCHOOL OF INFORMATION SCIENCES)

(Aug '17 – May '18)

- Formulated marketing and promotional strategies helping the club increase alumni engagement evaluating the various key parameters
- Analyzed reports of datasets containing information of 55,000 alumni using Python and Tableau while conducting primary research
- Designed an improved business model using insights and competitive analysis while meeting deadlines and achieving weekly goals

DATA ANALYST/ TABLEAU DEVELOPER (ADMINISTRATIVE IT SERVICES, UNIVERSITY OF ILLINOIS SYSTEM)

(Aug '17 – Dec '17)

- Worked with the Assistant Director, Operational BI & Arch. and the Assistant Director, Client Services Centre, University of Illinois
- Helped AITS implement changes to University of Illinois' 2FA - Two Factor Authentication system (AITS-DUO) by developing a Tableau Dashboard and analysing AITS's Helpdesk tickets datasets. (Tools used: Tableau, SAP WebI, Oracle SQL Developer)

OTHER WORK EXPERIENCE

1. **GRAYBAR CANADA** – Helped GB Canada solidify their digital presence by implement new E-Commerce, CRM, ERP, Analytics platforms
2. **ILLINI UNION (UIUC)** - Achieved an average of 10% increase in sales by analyzing and presenting ad-hoc reports of traffic count to help new and existing vendors (including Starbucks, Sbarro, Wendy's, Qdoba) determine their staffing, location, and promotional offers.

RELEVANT PROJECTS

Advanced Python: Project Cost and Duration Estimator

(Jan '18 – May '18)

- Designed a software that calculates the cost associated in completion of a project using Monte-Carlo Simulation and historical data
- The same software in a similar way can also be used to calculate the project during for various stages if a project.

Data Cleaning (Tools Used: OpenRefine, SQLite, Python & YesWorkflow)

(Jan '17 – May '17)

- Cleaned, visualized, and analysed four of the largest NYPL datasets in the world, and created provenance information documentation
- Developed a business model and presented numerous insights for a hypothetical restaurant in Manhattan, New York

Data Visualization: Tohoku Earthquake and Kaggle's UFO dataset (Tools Used: Python & Tableau)

(Aug '17 – Dec '17)

- Developed interactive data visualization using plotly, numpy, pandas, seaborn, matplotlib and bqplot libraries in python
- Used an interactive Tableau dashboard to analyse and create an infographic for Kaggle's UFO dataset and Tohoku Earthquake dataset.

Other Projects

1. **Machine Learning** - Advanced Recommender System | E-Commerce Purchase Dataset | SMS Spam Detector
2. **Python** - Profiling and Optimization of Python Codes | Data Capstone Projects – (911 Calls, Financial Data)
3. **Tableau** - Animated Dashboard – World Bank Dataset | Dashboard – 1000 Start-ups Quadrant
Storyline/ Dashboard – Coal Mining Maintenance | Dashboard – Clothing Sales Forecasting