

ANKIT SHAH

Aspiring Data Analyst with a fervent enthusiasm for tapping into the immense power of data to extract critical insights to help organizations succeed. Strongly committed learner who takes pride in constantly evolving and growing my skill set.

Education

Northeastern University , Boston, MA <i>Graduate Certificate, Data Analytics</i>	Aug 2019
University of Maine , Orono, ME <i>Master of Arts in Economics, GPA : 3.9</i>	May 2017
Truman State University , Kirksville, MO <i>Bachelor of Science in Economics, GPA : 3.5</i>	Dec 2014

Skills

Technical : MySQL, R (Shiny, ggplot, dplyr), Tableau, Microsoft Excel (VLOOKUP, PivotTables), EViews, Minitab, LaTeX, Orange, Machine Learning (Concepts, Algorithms & Applications, and Case Studies)

Experienced In : Data Analysis, Predictive Modeling, Time Series Analysis, Regression Modelling, Data Mining, Data Visualization, Creating Dashboards, Statistical Testing/ Modelling , Database Queries

Projects

Beer Recommendation System

- Developed recommendation system for a beer vendor based on rating matrix using Item based and User based collaborative filtering machine learning algorithms and data mining techniques
- Tested the recommendation system using Receiver-Operator-Curve (ROC), precision/ recall tradeoff and Root Mean Square Error (RMSE)
- Compiled and developed a Shiny interactive web application for beer recommendations where the customers can select a beer type and the output displays 10 recommended beers

Burning Glass Technologies

- Designed and developed a normalized database model using MySQL and created efficient relational database based on the entity relationship diagram
- Wrote SQL queries to explore and assess job skills gap in NYC and visualized findings using Tableau to create informative, relevant visualizations and dashboards
- Identified and developed recommendations for allocating workforce development funds in the form of community college scholarships to bridge skilled labor gap in NYC

Stattleship Baseball

- Cleaned and organized raw player and game data from Stattleship API
- Reviewed descriptive statistics and conducted hypothesis testing to validate data using R
- Constructed metrics, dashboards with data analysis and data visualization techniques in R using ggplots and multiple regression analysis of players current salaries to better predict and negotiate future salaries

Work Experience

University of Maine *Graduate Survey Analyst*

Orono, ME
Aug 2016 – Dec 2016

- Assisted in preparing a research project to understand the best practices of energy utilization in the City of Bangor, Maine
- Extracted the survey data from SurveyMonkey website and compiled it with hand submitted survey data
- Assisted in data processing (coding, scoring) and quality assessment monitoring (checking for bad input values)
- Converted the data into actionable insights by analyzing results using statistical techniques and reported the results using Tableau Dashboards

Mercy Corps*Graduate Policy Research Intern*

- Extracted and analyzed data from Mercy Corps', United Nations and World Bank database to understand and improve the effectiveness of international aid for post-disaster response in Northeastern African nations
- Led and contributed to a team of 4 to develop policies and then presented the recommendations to appropriate regional head

Bank of the West*Loan Data Processor*

- Examined HELOC loan documents and financial record of applicants for processing and consulted with the underwriting department if any discrepancies found
- Prepared final loan documents to be sent out to bankers and was a point of contact between the banker and the loan processing team

Portland, OR

Feb 2016 – May 2016

Omaha, NE

Feb 2015 – May 2015

Background*United States Army Reserves**Healthcare Specialist**NREMT Certified*

May 2017 – Current

*Fluent In: English, Hindi, Nepali, Urdu**Interests: Technology, Healthcare, Economics, Soccer, Ski*