JAHAAN NADKARNI

551-225-9245 | jnadkarn@stevens.edu | www.linkedin.com/in/jahaannadkarni/ | github.com/jahaannadkarni1

SUMMARY

Graduate students with excellent communication and story-telling skills with 2+ years of experience performing projects in data extraction, cleaning, preprocessing, data visualization and generating dashboards.

SKILLS

Programming Languages: Python, R, Tableau, SQL, VBA, HTML, CSS

Application Packages: Excel (Pivot Tables, Functions, Macros), PowerPoint, Jupyter Notebooks, R Studio, MySQL, PostgreSQL, NumPy, Pandas, Matplotlib, Plotly, Seaborn, BeautifulSoup, Requests, Tkinter, Flask, Sci-Kit Learn

Cloud Services: EC2, Lambda, Redshift, RDS, Aurora, Glue, Athena

PROJECTS

Research Project on Degradation Modeling based on Sensors Readings   August 2020 – Present
- Working with Professor on a research project on Large Dataset, building Machine Learning Model
- Performing Data Cleaning, preprocessing using Python Pandas, NumPy, SciKit-Learn to reduce noisy data
- Using Matplotlib to find correlation and capped data and eliminating it for better ML model performance
- Using SciKit-Learn for feature engineering, predict the correlation of operational setting and sensors

Coronavirus Stats Application   August 2020 – September 2020
- Web Scrapped a table from the official website of the Coronavirus Stats using BeautifulSoup and Requests
- Used Tkinter and PIL to create a 500x600 Application for visualization of stats based on the country
- Decreased the time by 50% to locate the country for stats, aimed to build a real-time application

Stock Prices Web Scraping   August 2020 – September 2020
- Web Scrapped Top 50 Stock Quotes from the website using BeautifulSoup and Requests
- Built functions, decreased extraction time by 80% using for loops instead of manual scraping individual quote
- Created dictionary for easy retrieval and performing data visualization

Marketing Analytics of Small Businesses affected by COVID-19   January 2020 – May 2020
- Research on impacts of COVID-19 on MSMEs, Data collection from articles and Google
- Analyzed Clusters, built Tableau visualization of highest impacted states and businesses by COVID-19
- Research of Federal Grants for Financial Aid, Classified Short-Term and Long-Term Solutions to Businesses

Data Analysis and Visualization of FIFA 19 Dataset   August 2019 – December 2019
- Authored Dashboard, performed Data Cleaning, Pre-Processing in Python (NumPy, Pandas), Excel and made Dashboard Visualizations on Tableau (received 'A' Grade for Final Presentation)
- Conducted Analysis of Wages of Player concluding that Overall Rating as the most important feature in predicting the Wages of a Player

Analysis of Presidential Candidate e-mail   August 2019 – December 2019
- Web Scrapping using python packages (Beautiful Soup & Urllib), Transformed, and analyzed data using NumPy and Pandas
- Utilized Advanced Python Libraries like collections to find Topmost Senders and Made a Report Analysis.

EDUCATION

M.S. Engineering Management | Stevens Institute of Technology, Hoboken NJ | GPA: 3.63   December 2020
Courses: Probability and Statistics, Marketing Analytics, Data Analysis for Decision-Making, Data Science and Knowledge Discovery, Decision and Risk Analysis, Informatics of Engineering Management, Project Management

B.E. Mechanical Engineering | Gujarat Technological University, Ahmedabad   May 2018

EXPERIENCE

Little Millennium, Subhanpura-Akota-Alkapuri-Kalali, Vadodara   January 2018 – December 2018
Business Development Associate
- Supported to build 4 pre-school franchisees from scratch, accomplished a revenue of 4000000(in rupees) in a span of 1 year, conducted advertising increased footfall of customers by 40%
- Increased enrolment by 30% monthly, utilized Excel and Tableau dashboards for segmentation of educated and high-income parents for better conversion, Consolidated Team building, Prioritized Customer Satisfaction

LEADERSHIP AND ACTIVITIES

Interest:

Data Science, Machine Learning, Regression, Clustering, Natural Language Processing, Machine Learning Models, A/B testing, Hypothesis Testing.

Leadership:

Took part in 5 MUNs where Team building, Negotiations, Public Speaking, Research was learnt.
Selected for Entrepreneurship Development Program and Spoke on Vertical Farming and Benefits.