Aniruddha Shringarpure

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PROFILE

- Created predictive models to improve business decision making and aid analysis
- Became Python, SQL & Tableau professional while analyzing data and creating dashboards
- Improved business decision making processes by modelling data
- Fostered exceptional presentation skills during meetings with executives
- Enhanced technical and professional communication skills
- Team player experienced with working under high pressure and agile environments

WORK EXPERIENCE

Research Analyst - Ontario Museum Association May 2020 – July 2020

- Cleaned and standardized survey datasets using Excel
- Descriptive statistics and reporting using SPSS and Tableau
- Developed new metrics based on revenue and expenses
- Identified levels of digitalization is museums irrespective of size
- Created data visualizations using Tableau

PROJECTS

Toronto Railway Museum 2020

- Merged and standardized 100+ unstructured spreadsheets to create one single analytical file using Python and complex SQL queries
- Performed initial and exploratory data analysis on Sales and Social Media Data using Python Pandas library
- Presented high-quality deliverables to communicate insights and recommendations
- Built reports, dashboards, and data visualizations using Tableau

Inventory Analysis – Stockout 2019

- Used Python to prepare, analyze and model data
- Designed & created predictive models, tools and processes based on internal and external data to improve business decision making using Python Scikit Learn library
- Predicted next 2 years of stock reorder point and reorder quantity with 92% accuracy using SARIMA model
- Present high-quality deliverables to communicate insights and recommendations to executives using Tableau and PowerPoint

Toronto Shelter Analysis 2019

- Collected open source data from multiple sources from Statistics Canada and Kaggle and incorporated using APIs
- Performed trend analysis on the housing market and its impact on homelessness
- Analysis on each shelter location with respect to occupancy and type using Python library Pandas
- Analyzed the rise of refugees, asylum claimants in shelters, seasonality and reasons
- Built reports, dashboards, and data visualizations using Tableau

Barrie Transit Analysis 2019

- Created Python script to scrape 36000+ data points a day
- Designed and developed complex NoSQL queries and data pipelines and maintained the data quality of Mongo Database
- Developed new metrics such as average delays, number of passengers on each bus, speed
- Created an Amazon Web Services Architecture using Amazon EC2 instance, MongoDb, S3 Buckets
- Hosted a Python Flask and Heroku web application

EDUCATION

George Brown College Toronto, ON
Postgraduate – Analytics for Business Decision Making 2020
GPA – 3.80/4.00

Georgian College Barrie, ON
Postgraduate – Big Data Analytics 2019
GPA – 93.25/100.00

Navrachana University Vadodara, IN
Bachelors – Computer Applications 2018
GPA – 8.25/10.00

ACHIEVEMENTS

SAS Saferoads Competition 2020
2nd Runner-up's
Worked with Killed or Seriously Injured (KSI) incident report dataset from Toronto Police Services (TPS) along with Geotab's variety of IoT data including GPS telematics on hyper-local weather data, detailed accelerometer data to determine the top deadliest streets in Toronto

Hack the Valley 3 - University of Toronto Hackathon 2019
Winners of Best use of CheaprEats API

VOLUNTEERING

Mentor/ Co-Founder 2016-2017
Computers@NUV – Computer Club at Navrachana University – Vadodara, IN

- Organized and monitored regular events of the clubs
- Taught basic computer skills at school for underprivileged children

SKILLS

Visualization: Tableau, Power BI

Scripting Languages: Python, SQL, NoSQL

Amazon Web Services: EC2, SageMaker, S3

Google Cloud Platform: Datalab, Cloud Machine Learning, Cloud Shell, Compute Engine

Azure: Machine Learning Studio, Cognitive Services, Computer Vision, Text Analytics

Databses: MySQL, MongoDB, DynamoDB, MS SQL Server

Microsoft Office: Excel, Powerpoint, Word, Visio, Access

Statistical & Analytical Tools: ArcGIS, SPSS, SAS Studio, SAS Enterprise Miner