TOUSIF ALAM

DATA ANALYST

Ambitious and client focused Data Analytics graduate, with a strong interest in the optimal use of data to guide intelligent business decision making. Relishes a challenge and appreciates the importance of collaborative teamwork and working with critical stakeholders to develop solutions to business problems. An enduring scholar, on a continuous quest to gain knowledge and implement these skills in the workplace.

TECHNICAL SKILLS

- **Programming:** Python, SQL, R, PHP, JavaScript
- **Databases:** MySQL, NoSQL, Oracle, Hadoop
- **Data Science Packages:** Seaborn, Scikitlearn, Pandas, NumPy, Matplotlib
- **Machine Learning Models:** Supervised Learning, Unsupervised Learning, Reinforcement
- **Visualisation/ BI Tools:** Tableau, Microsoft Power BI, Microsoft Excel Cloud Computing: Microsoft Azure, Azure Functions, Blob Storage, Data Lake Gen2, Big Data, SQL DB, HDInsight
- **Data Analysis Skills:** Data Insight, Data Validation, ETL/ELT, Data Formatting, Data Management, Data Manipulation, Report Analysis, Data Extraction, Data Quality Assurance, Process Mapping, Data Warehousing, Data Integration

EMPLOYMENT EXPERIENCE

Data Analyst (Intern), 3/2021 – 6/2021
Swoop Analytics
Core Responsibilities:
- Analyse and extract data from Microsoft SharePoint, provide weekly insights reports.
- Drive the analysis of 3, 000 – 4, 000 new data records.
- Spearhead the preparation of raw data for manipulation by the Chief Scientist.
- Proactive, can work autonomously and as part of a team, while managing tight deadlines and working under pressure.
- Leverage off knowledge gained in university to introduce new data analytics processes.

Key Achievements:
- Compiled research from raw data on Microsoft SharePoint, producing the report ahead of schedule which enabled the client to make a crucial business decision.

Contact

- Melbourne, VIC 3000
- 0414070942
- tousif.tr@gmail.com

PORTFOLIO
- LinkedIn
- Portfolio

SKILLS

- Communication
- Interpersonal
- Teamwork
- Stakeholder Management
- Organisation
- Creative
- Project Management
- Deadline Driven
- Proactive

EDUCATION

Master of Information Technology(Professional Computing)
Specialisation in Data Analytics
Swinburne University of Technology
2020

Bachelor of Science, Computer Science & Engineering
North South University
2017

CERTIFICATIONS

- KPMG Data Analytics Virtual Internship
  2020
- DataCamp – Introduction to R
  2020

Data Analyst, 08/2020 - 12/2020
Swinburne University of Technology, Hawthorn, VIC
Core Responsibilities:

- Facilitated data analysis of over 80,000 tweets on Twitter using advanced computer models.
- Performed initial analysis including cleaning and sorting the data, removing corrupted data, and assessing for data accuracy.
- Spearheaded the use of this data to produce high-quality sentiment reports for use by the University.
- Collaborated effectively with key stakeholders across the University.
- Produced visual reports from the data research process, demonstrating excellent communication skills, and utilising a logical approach, using Tableau.

Key Achievements:

- Achieved excellent levels of customer satisfaction with the final sentiment reports, which led to clients purchasing additional data analytics services.

Customer Service Supervisor, 7/2019 – 6/2021
Woolworths Supermarket, Melbourne, VIC
Core Responsibilities:

- Monitored business metrics to measure and manage customer service effectiveness.
- Determined work procedures, work schedules, and workflow for employees.
- Provided supervision and technical assistance to the customer service team to attain organisational goals.
- Performed annual reviews, appraisals and performance management reviews for the customer service staff.

Undergraduate Research Assistant, 2015
North South University, Dhaka, Bangladesh
Core Responsibilities:

- Developed a prototype application for research and surveys.
- Established research processes to successfully run projects.
- Performed statistical, qualitative and quantitative analysis.

- Coursea / Rice University – Introduction to Data Analytics using Microsoft Excel
  2021
- Coursea - Getting started with Power Business Intelligence Desktop
  2020

ACCOMPLISHMENTS

- IEEE (Institute of Electrical and Electronics Engineers) NSU INSB Poster Competition
  Winner
  2015

KEY PROJECTS

- Energy Shifter – developed during master's coursework on User Interface Design, designed to improve the understanding of energy usage.
- Weather Station with Real-Time Visualisation – produced a budget solution for household urban agriculture.
- WeCAY – designed an android mobile-based software to prevent sexual harassment and bullying.