

MD SAIFUL ISLAM TUSER



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Md Saiful Islam Tuser



Saif044

PROFESSIONAL SUMMARY

Detail-oriented and highly motivated professional with a solid foundation in data analysis and visualization. Skilled in Python, SQL, and BI tools, with a proven ability to transform data into actionable insights. Adept at problem-solving and analytical thinking, and a quick learner eager to apply skills and grow within the data analytics field.

SKILLS AND ABILITIES

TECH STACKS

• Python (Data preprocessing, visualization libraries, BeautifulSoup, Selenium, Tensorflow, Keras, Pytorch, Fastai, Gradio) • Hugging face • Tableau • Power BI • SQL (MS-SQL, MySQL) • MATLAB • Git • GitHub • Snowflake • C • C++ • Microsoft Office Suite (Word, Excel, PowerPoint) • Linux • Statistics • Business Analytics • Data Governance • A/B testing • Data Visualization

SOFT SKILLS

• Attention to detail • Problem-solving • Collaboration • Communications [Bengali, English]

PROFESSIONAL EXPERIENCE

ASSOCIATE, DATA || ADIVA GRAPHICS

|| APR 2023 – AUG 2024

- Conducted data analysis and prepared professional visualization graphs/charts of findings.
- Prepared professional presentations from concluded data analysis for clients.
- Executed statistical hypothesis testing, including A/B testing, to evaluate and validate data-driven business decisions.
- Worked on data analysis projects for Fortune 500 companies, delivering high-quality results aligned with business goals.

TRAINEE ENGINEER (PHYSICAL DESIGN) || ULKASEMI LIMITED

|| DEC 2021 – MAR 2022

- Contributed to the physical design flow, including floor-planning, placement, and routing (PnR) tasks, ensuring optimal chip performance and layout efficiency.
- Gained hands-on experience in timing analysis, design rule checks (DRC), and layout versus schematic (LVS) verification processes.

INDUSTRIAL TRAINEE || AAMRA NETWORKS LIMITED

|| JAN 2020 - FEB 2020

- Gained insights into the network structure of ISPs and network security protocols.
- Developed knowledge in management, sales, marketing, and operations.

INDUSTRIAL TRAINEE || ROBI AXIATA LIMITED

|| DEC 2019 - JAN 2020

- Gained knowledge in telecommunication systems, including call and SMS flow, and supported daily tech operations and maintenance.

ACADEMIC CREDENTIALS

BSC ENGG. IN ELECTRICAL ELECTRONICS & COMMUNICATION ENGINEERING

|| 2017-2021

Military Institute of Science and Technology (MIST)

CERTIFICATIONS

• SQL (Intermediate) Certificate, Hackerrank • SQL (Basic) Certificate, Hackerrank • Python for Data Science and Machine Learning Bootcamp, Udemy • Intro to TensorFlow for Deep Learning, Udacity • Excel from Beginner to Advanced, Udemy

PROJECTS

ETHNICWEARCLASSIFY - TRADITIONAL CLOTHING RECOGNITION

Tech stacks: Python (Fastai, Gradio), Hugging Face

- Developed an image classification model using resnet50 with Fastai to identify 18 types of traditional clothing, achieving ~99% accuracy.
- Deployed the model via Gradio on Hugging Face and built an API-based web app for real-time user interaction.

CRYPTOCURRENCY TREND ANALYSIS

Tech stacks: Python (BeautifulSoup, Selenium, Pandas) || Tableau

- Developed a web scraping pipeline using Python (BeautifulSoup, Selenium) to collect real-time cryptocurrency data and built an interactive Tableau dashboard for trend analysis.
- Analyzed market capitalization, trading volume, and price trends, incorporating candlestick charts and moving averages to provide insights for investors and stakeholders.

POWER BI DASHBOARD FOR GAME SALES ANALYSIS ACROSS GLOBAL MARKETS

Tech stacks: Power BI || Excel

- Developed a Power BI dashboard analyzing game sales data across global, North American, European, and Japanese markets.
- Designed interactive visualizations, including sales trends by year, top games by genre, platform, and publisher, and a top 10 games leaderboard.
- Implemented dynamic navigation and filter panels with interactive buttons for an enhanced user experience tailored to business stakeholders.

DENGUE DATA ANALYSIS AND PREDICTION

Tech stacks: Python (Pandas, NumPy, Matplotlib, Scikit-learn, Tensorflow, Keras)

- Conducted statistical analysis to identify trends and patterns in dengue data, leveraging techniques like hypothesis testing and data visualization.
- Developed and evaluated classification machine learning models to predict dengue, comparing their performance using different metrics.

REAL-TIME IPL MATCH INSIGHTS DASHBOARD

Tech stacks: Power BI || Power Query

- Developed a live IPL match dashboard in Power BI, showcasing real-time data.
- Integrated Cricbuzz API via Rapid API using Power Query for seamless data retrieval.
- Created dynamic visualizations to display live match statistics, enhancing the viewer's experience.

EXPLORING LONDON BIKE RIDE DATA: A COMPREHENSIVE ANALYSIS

Tech stacks: Python (Pandas) || Tableau

- Acquired and ensured data integrity using Kaggle API; explored and cleaned data with Pandas.
- Created dynamic Tableau visualizations, including ride patterns, weather correlations, and interactive tooltips.
- Enabled strategic decisions through proficient data analysis and visualization.

BRITISH AIRWAYS REVIEWS DASHBOARD

Tech stacks: Tableau

- Tableau dashboard visualizing British Airways customer reviews (2016- 2023) across ratings, regions, and aircraft types.
- To analyze customer sentiment, identify improvement areas, and enhance satisfaction.
- Interactive filters and visualizations for trends, geographic insights, and aircraft performance.