**Mudassir Tanvir**

Abu Dhabi, United Arab Emirates

🖂: [**mudassirtanvir6@gmail.com**](mailto:mudassirtanvir6@gmail.com)| ☎: +971-52 7810528

:[**https://www.linkedin.com/in/mudassirtanvir/**](https://www.linkedin.com/in/mudassirtanvir/)



**CAREER SNAPSHOT**

* Bachelor’s degree in computer science engineering from Manipal University with a strong drive for learning and curiosity.
* Proven ability to quickly grasp complex concepts and a deep passion for Data Science.
* Extensive project experience demonstrating technical proficiency and a profound understanding of computer science principles.
* Valuable insights gained through participation in a Digitalization internship, enhancing knowledge and fostering a keen interest in digital transformation.
* Specifically intrigued by the emerging field of the Metaverse and its potential impact on the digital landscape.
* Strong problem-solving skills and a commitment to continuous self-improvement and learning.
* Proactive approach to tackling challenges and a track record of successful project completion.

**SKILLSET**

Data Analysis | Data Science | Microsoft Power Platform | Microsoft Azure | Microsoft Power BI | PowerApps | Power Automate | Software Development | Unity | Blender | C# | ChatGPT | Microsoft Office | Python (Selenium, Pandas, Seaborn, Scikit-learn) | Java | JavaScript (jQuery, NodeJS) | SQL Database Management | MySQL | NoSQL(Mongo dB) | Business Intelligence | Digital Transformation | Operational Efficiency | Tableau | DAX | Scripting | Data Visualization | Web Scraping | R | HTML | CSS | Bash | Statistics & Probability | UX/UI

**EDUCATION**

* **Bachelor of Technology in Computer Science Engineering** from Manipal University, Dubai (2023)

**WORK EXPERIENCE**

**Hantec Markets - Dubai, United Arab Emirates**

**Data Analyst**

**Apr 2024 - Present**

* Developed complex SQL queries, views, and functions to streamline data analysis and reporting processes, ensuring data accuracy and efficiency.
* Designed and implemented data models to manage and organize large datasets, improving reporting performance and scalability for business intelligence solutions.
* Created dynamic Power BI reports, enhancing visibility into key business metrics and supporting data-driven decision-making.
* Managed and optimized dataflows, improving the integration and automation of data from various sources into centralized reporting dashboards.
* Collaborated with different teams to translate business requirements into technical solutions, including DAX queries for advanced data manipulation and time-based calculations.
* Implemented strategies to optimize SQL query performance for integration with Power BI, reducing report load times and improving overall system performance.
* **Berkeley Services - Dubai, United Arab Emirates**

**Digital Transformation Intern**

**Feb 2023 – August 2023**

***Programming and Automation:***

* Developed VBA code to streamline repetitive tasks, reducing manual labour and ensuring error-free results.
* Applied data analysis techniques to identify and interpret prominent patterns within customer complaints, leading to informed resource planning strategies.

***Software Development and Optimization:***

* Proposed and developed a comprehensive PowerApps-based solution for site visits, significantly improving task assignment accuracy, expediting review cycles, and enhancing overall operational efficiency.
* Spearheaded the creation and rigging of captivating 3D models using Blender, resulting in visually striking assets that elevated project quality and engagement.
* Proficiently integrated Blender models into Unity and developed engaging animations as needed for interactive experiences.

***Metaverse and Digital Transformation:***

* Developed and implemented a customized metaverse environment for the company, incorporating diverse animations and interactive features to streamline employee training and selection processes.

**Assent Trading – Abu Dhabi, United Arab Emirates**

**Digitalization Intern**

**July 2022 - Sep 2022**

***Website Collaboration:***

* Collaboratively participated in the creation and enhancement of the company website, contributing to its functionality and aesthetics.

***Data Research and Analysis:***

* Conducted comprehensive research and data compilation, empowering informed decision-making and enabling the implementation of strategic initiatives.

***Data Automation and Optimization:***

* Pioneered the development of task-specific code for automating complex data scraping processes, which resulted in streamlined data acquisition, improved accuracy, and accelerated insights for informed decision-making.

**CERTIFICATION**

* [Google Data Analyst](file:///C:\Users\Mudassir\Downloads\Google%20Data%20Analyst.pdf)
* [Data Visualization with Tableau](file:///C:\Users\Mudassir\Downloads\Data%20Visualization%20Tableau.pdf)
* [Business Statistics & Analysis](file:///C:\Users\Mudassir\Downloads\Statistics%20and%20Analysis.pdf)
* [IBM Data Analysis and Visualization Foundations](file:///C:\Users\Mudassir\Downloads\IBM%20Data%20Analysis%20and%20Visualization%20Foundation.pdf)
* [Modern Big Data Analysis with SQL](file:///C:\Users\Mudassir\Downloads\Modern%20Big%20Data%20Analysis%20with%20SQL.pdf)
* [Linux and Bash for Data Engineering](file:///C:\Users\Mudassir\Downloads\Linux%20and%20Bash%20for%20Data%20Engineering.pdf)
* [Excel to MySQL: Analytical Techniques for Business](file:///C:\Users\Mudassir\Downloads\Excel%20to%20MySQL%20Specialization.pdf)
* [SQL for Data Science](file:///C:\Users\Mudassir\Downloads\SQL%20for%20Data%20Science.pdf)
* [Microsoft Power Apps](https://learn.microsoft.com/api/credentials/share/en-gb/80374967/EA411BF212B5D39B?sharingId=2DEF3145A21201DB)

**PROJECTS**

* **Smart Cart -** Designed and implemented a program capable of seamlessly scanning grocery items using RFID technology, streamlining the checkout process. Integrated secure card payment functionality to provide customers with convenient and efficient transactions. Additionally, incorporated an automated email receipt feature, enhancing customer satisfaction by delivering purchase records in a timely and paperless manner.
* **Predicting Insurance Premium Charges ML Model -** Utilized Python's robust data science libraries, including Pandas and Scikit-Learn, to engineer a sophisticated machine learning model. This model accurately predicts insurance premium charges by analysing an array of influential factors. By leveraging advanced data analysis techniques, I extracted insights from diverse datasets, enabling the creation of a high-performing predictive tool.
* **Covid 19 Tracker Application** - Developed a user-friendly COVID-19 tracking application that provided real-time global case and casualty statistics through an API. The application aimed to deliver critical information during the pandemic, supporting informed decisions and raising public awareness.
* **British Airway Data Science Job Simulation on Forage -** Emphasized the critical role of data science in achieving organizational success through a simulation project. Conducted web scraping and in-depth analysis of customer review data to uncover valuable insights. Developed a predictive model to gain a comprehensive understanding of the factors influencing purchasing behaviour, underscoring the vital significance of data science in optimizing business operations and enhancing customer satisfaction.
* **Personal Portfolio Website** - <https://mudassirtanvir.github.io/resume.github.io/>