

# Tarek Zaatar

## Data Analyst

Insightful Data Analyst with a Masters Degree and overall professional experience of 5 years. Eager to leverage big data interpreting and visualizing skills to drive growth and boost business needs.

✉ Tazaatar@gmail.com

☎ +971502782127

📍 Dubai, United Arab Emirates

📄 tarekzaatar.github.io/

## WORK EXPERIENCE

### Data Analyst Fun Robotics

03/2019 - Present

#### Achievements/Tasks

- Collect, organize, and analyze large sets of data using various tools such as Ms Excel, SQL, Python, R, and others.
- Develop and maintain databases, data systems, data analytics software and spreadsheets using tools like MySQL, Google BigQuery, Microsoft SQL Server Management Studio, Spark, Google Sheets and Ms Excel.
- Design and create reports, dashboards, and visualizations to help stakeholders understand key performance metrics and trends using Tableau, Power BI, Python and R.
- Develop and maintain Extract, Transform, Load (ETL) processes to ensure timely and accurate data integration from various sources.
- Perform Exploratory Data Analysis (EDA) to identify patterns, trends, and relationships in the data using statistical software and tools.
- Design and implement data analysis techniques and models to evaluate business performance, metrics and support decision-making using Regression analysis, Time series analysis, Classification and Clustering algorithms.
- Conduct data quality checks, identify data anomalies, and ensure data accuracy and completeness by creating data cleaning and validation processes using Python, R, SQL, Microsoft Excel, and Power Query.
- Conduct ad-hoc analysis and reporting as requested by management or other stakeholders using tools like Microsoft Excel, SQL, and Python.
- Scrap, Extract and collect data from websites using automated software and tools to perform data mining, market research, price monitoring, and more.
- Collaborate with cross-functional teams to implement data strategies that align with business goals using collaboration tools like Jira, Ms Teams, Trello, and Slack.

### Artificial Intelligence Engineer Fun Robotics

08/2018 - Present

## EDUCATION

### Bachelor of Science in Computer Engineering

University of Sharjah

09/2013 - 09/2017

Sharjah, United Arab Emirates, 3.72

### Master of Science in Engineering Management

University of Sharjah

01/2018 - 01/2021

Sharjah, United Arab Emirates, 3.62

## SKILLS

Ms Power BI

Ms Excel

Ms Azure

Tableau

DAX

SQL

Python

Google Analytics

Cloud

BigQuery

Reporting & Visualization

Story Telling

R

Azure

## PERSONAL PROJECTS

### Project 1: Ministry of Education Schools

- Create a data model and report for Ministry of Educations school to analyze students performance and grades.

### Project 2: Seven Sages Tea Company (SSTC)

- Create a data model and Power BI report for SSTC that combines information from all over the company to enable easy review and analysis of companies products.

### Project 3: Waggle Technologies

- Develop a custom Power BI report for the CEO and leaders of Waggle that tells story about the company's products and extract business insights to help improve business decisions and strategies.

### Project 4: National Clothing Chain

- Design a complete and thorough market analysis in Power BI to create a targeted marketing campaign in order to improve sales.

## CERTIFICATIONS

Google Data Analytics - Coursera

Nanodegree in Data Analysis and Visualization - Udacity

Python Data Analysis - LinkedIn

Applied Machine Learning: Foundations - LinkedIn

Introduction to Artificial Intelligence (AI) - Microsoft

Power BI Essential Training - LinkedIn

SQL Essential Training - LinkedIn

AI Foundations: Neural Networks - LinkedIn

## LANGUAGES

English

Native or Bilingual Proficiency

Arabic

Native or Bilingual Proficiency

## PUBLICATIONS

Arctic Ice Thickness Prediction using Artificial Neural Networks - IEEE