

Khalid Gharib

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 UK, London

[GitHub](#) - [LinkedIn](#) - [Blogs](#)

Technical Skills

- Python
- Machine Learning
- Statistics
- Git
- SQL
- Web Scraping
- Power BI
- Tableau
- Alteryx

Certifications

- Tableau
- Alteryx

Data Analyst

Business Intelligence Data Analyst with 4 years of experience in the field as well as a background in Data Science. Passionate about using my knowledge and skills to contribute in a positive way to society as well as contributing to team success and achieving business goals. Attentive to detail and excellent organizational and communication skills. A clear understanding of Data Analytical tools and Machine Learning algorithms as well as the application of them to help solve problems and provide insight and solutions.

Technical Projects

1. [Finding Potential Customers to advertise Caribbean Holiday Tour](#): Performed Clustering to be able to find potential customers to advertise Holiday tours to.
2. [How does social environment factors affect Life Expectancy in Counties in the USA](#): Applied a Regression model with advanced Parameter Tuning to predict the factors that affected Life Expectancy the most
3. [Predicting Sentiment on Amazon Reviews](#) : Used a Neural Network to predict the Sentiment of Amazon Reviews, in order to be used to classify the overall Sentiment and popularity/interests of products and services when mentioned on Social Medias
4. [Analysing and Predicting Win/Loss for Premier League, Bundesliga Games](#): Performed Basic EDA and Statistical Analysis and then Basic Linear Regression to predict Wins and Losses in 2 of the top Football Leagues
5. [Performed Hypothesis Testing on Real NBA Dataset from past 18 Seasons](#): Used A/B Testing to answer a number of statistical Hypothesis Questions such as does Teams in the West make Playoffs more than teams in the East

Professional Experience

Hippo

Senior Data Analyst

Jun 2024 - Current

- Project DfE- Designed and supported a pilot program using a Single Unique Identifier (SUI) to link and share data across multiple systems, reducing fragmentation and inefficiencies, and helping prevent children and families from “falling through the cracks” of public services.
- Project DfE - Used Python and SQL and open source data in order to map out Index of Multiple Deprivation and be able to map that against the data capabilities of that area and other metrics to identify the connection to child protection and safety
- Project NHS Notify - Provided insights and developed KPIs to help analyze reach and success across clients and communication channels
- Project NHS Notify - Built interactive Power BI dashboards using AWS-hosted datasets and SQL query views I developed, enabling the business to answer key questions and meet strategic objectives.
- Project NHS Notify - Initiated and led the development of an Dashboard Catalogue to streamline user experience and improve accessibility.

McKesson

Business Intelligence Analyst

Sep 2022 - Jun 2024

- Using Tableau to build reports and Dashboards to help Stakeholders understand Supplier Data, Understand financial trends & spending
- Using Alteryx to build workflows to help streamline, automate and improve internal processes saving days of manual tasks.
- Using Python to Automate certain Month end Data processes that would be sent to stakeholders
- Setup and Project Managed BAU processes to ensure data excellence, accuracy and availability, which led to the enabling of new opportunities for insight

Future

Data Analyst

Nov 2020 – Sept 2022

- Using SQL skills in BigQuery and Redshift Data source to build tables and produce data outputs per company needs and goals.
- Building and optimizing Reports and models to forecast and predict KPI's using numerous Data sources and statistical knowledge
- Communicating core Ad related data to Executive Leadership Teams in order to keep them up-to-date and informed with Ad movements
- Clear understanding in using both Google Ads and Google Ad Manager to provide Data and insights for Stakeholders
- Worked alongside the Finance and Sales team to build a 5+7 Forecasting Model which calculates the number of Direct and Premium sales based on our first 5 months of sales to understand how much Ad Inventory space remains to sell to 3rd Parties for the remaining year.

Education

Flatiron School

Data Science Immersive Course (*Full Time*)

Dec 2019 – Mar 2020

UK, London

Brunel University

BS, Business Management & Accounting (2:1)

Sep 2013 – May 2017

UK, London