

Mohammed Hamdy

DATA ANALYST

Cairo, Egypt

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Detail-oriented Data Analyst with 5+ years of experience in Scientific Research and strong technical skills of data processing, and data visualization.

Experience

Research Lab Manager

NATURAL WELLNESS GROUP

- Creating study protocols and study plans.
- Ensuring studies milestones are reached on schedule.
- Writing and delivery of the final analysis report.

Nasr City

January 2019 - February 2020

Senior Researcher

NATURAL WELLNESS GROUP

- Writing and reviewing Standard Operating Procedures (SOPs).
- Analyzing and reviewing collected data, and writing analysis reports.
- Guiding and training new executive researchers.

Nasr City

May 2016 - January 2019

Executive Researcher

NATURAL WELLNESS GROUP

- Preparation of test chemicals.
- Performing various neurological and behavioral tests.
- Data collection from test animals, and properly storing and processing this data.

Nasr City

July 2014 - May 2016

R&D Chemist

EGYPTIAN MATCH COMPANY

- Supervising the preparation of the main product.
- Testing different binders for the match head ingredients.
- Daily testing of striking and ignition performance of the match head.

10th of Ramadan City

February 2012 - December 2013

Education

Cloud Based Data Science

JOHNS HOPKINS BLOOMBERG SCHOOL OF PUBLIC HEALTH

Online

2020 - 2021

Data Analyst Nanodegree

UDACITY

Online

2020 - 2020

Bachelor of Science

AIN SHAMS UNIVERSITY

Cairo

2007 - 2011

Skills

Programming Languages

R, PYTHON, SQL

Software

SPSS, TABLEAU, EXCEL

Version Control

GIT

Projects

Communicating data findings from the analysis of Prosper's Loan data

PYTHON (NUMPY, PANDAS, MATPLOTLIB, SEABORN)

Wrangling, analyzing, and visualizing a tweet archive from Twitter

PYTHON (NUMPY, PANDAS, MATPLOTLIB, SEABORN, REQUESTS, BEAUTIFULSOUP, TWEETPY, JSON, SQLALCHEMY)

Analyzing A/B Test Results for an e-commerce website

PYTHON (NUMPY, PANDAS, STATSMODELS, MATPLOTLIB)

Investigating 10,000 movies collected from The Movie Database (TMDb)

PYTHON (NUMPY, PANDAS, MATPLOTLIB, SEABORN)

Exploring Weather Trends In Cairo

R (DPLYR, GGLOT2, TIDYR, READR, ZOO)

Training

Modeling with Data in the Tidyverse

DATA CAMP

June 2021

Introduction to Machine Learning

DUKE UNIVERSITY VIA COURSERA

May 2021

Time series with R

DATA CAMP

April 2021

Data Analysis Track

MILLION ARAB CODERS

May 2020

SQL Fundamentals course

SOLOLEARN

March 2020

Project Management Professional (PMP) Course

AMERICAN CHAMBER IN EGYPT

August 2017

Upgrading Research in Biostatistics and Toxicological Studies

NATIONAL RESEARCH CENTRE

July 2015

Languages

English

FULL PROFESSIONAL PROFICIENCY

Arabic

NATIVE PROFICIENCY