**Abdulrahman Aedh**

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# EDUCATION

**THE UNIVERSITY OF ST. THOMAS St. Paul, MN** Feb. 2021-May 2023

Master of Data Science 3.54 GPA

*A candidate is skilled in Machine Learning, Deep Learning, Artificial Intelligence, Text Analytics, Image processing, Advanced Database Management Systems, Time Series Analysis, and Big Data. A creative problem solver, a fast learner, and passionate about the data science field.*

**KING KHALID UNIVERSITY Abha, Saudi Arabia** Aug. 2013 – June 2017 Bachelor of Computer Science 4.22 GPA

# TECHNICAL SKILLS

**Languages and Databases:** Python, R, Matlab, MySQL, MongoDB, PySpark, Hadoop, Linux, SAS, Hive

**Business Intelligence Tools:** Tableau, PowerBI, Alteryx, Snowflake

**Techniques & Packages**: Decision Trees, NLP, Regression, SVM, KNN, Naïve Bayes, NLP, LSTM, RNN, CNN, TensorFlow, PowerBI, Keras, NumPy, Pandas, Sklearn, PySpark, OpenCV, matplotlib

**Others:** Microsoft Office packages, Git, AWS, GCP, Azure

# PROFESSIONAL EXPERIENCE

**Education & Training Evaluation Commission Abha, SA**

*Computerized test administrator* Jan 2017 - Feb 2018

# Sales Specialist Abha, SA

*Panda Retail Company – Savola Group* Apr 2014 - May 2016

# ACADEMIC PROJECTS

**Big Data Engineering** Sep. 2022 – Dec. 2022

* Analyzing IMDb Dataset (movies reviews) 3GB size. Link Kaggle with Databricks to get the data directly using the API key. Preprocess, analyze and visualize data.

**Data Warehousing and business intelligence** Feb. 2022 – May 2022

* Building workflow usingAlteryx Designer (Pipelines) to load (ETL) data to a data lake (Snowflake) and use it to build a dashboard using PowerBI.

**Machine Learning** Feb. 2022 – May 2022

* Train Support Vector machines (SVM) classifier on historical Walmart stock market data to predict future stock prices.

**Build Tableau Dashboard** Sep. 2021 – Dec 2021

* Unemployment Rate and Crimes in Massachusetts of August 2010.

**Data Modeling for the Vehicle Registration Department (DMV)** Sep. 2021 – Dec 2021

* Design a database using OracleDataModeler and LIVESQL.

**Statistics and Visualization for covid-19** Feb. 2021 – May. 2021

* Find a Relationship between the top ten countries has confirmed cases of COVID-19 and Saudi Arabia and

the number of deaths in January and February of 2021.

**Local search algorithm (ACO)** Aug. 2016 - June 2017

* This project proposes Ant Colony Optimization (ACO) to find the shortest route with a low cost for TRAVELING SALESMAN, which is applied for Abha city to help visitors to find the shortest path for picnic places and helps to know these places.