

# 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 using Alteryx 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.