

ABDUL WHOZAIFAH BIN ABDUL RAHIM

DATA SCIENTIST | DATA ENGINEER | DATA ANALYST



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PERSONAL INFORMATION

Age : 32
IC Number : 900308-10-5823
Gender : Male

CERTIFICATION/TRAINING

- Fusionex Certified Data Scientist By PENERAJU Programme
- Fusionex Certified Data Engineer By PENERAJU Programme
- Digital Leadership By Peoplelogy

KEY SKILLS

- Machine Learning & Deep Learning
- Python
- C++
- C#
- Javascript
- SQL
- Oracle
- HTML
- AWS Cloud
- Visual Studio Code
- Hadoop
- Sqoop
- Hue
- Hive
- Impala
- Spark
- Kafka
- Microsoft Power BI
- Tableau
- ArcMap
- RockWorks
- Adobe Photoshop
- Microsoft Office

EDUCATIONAL BACKGROUND

- 2012 - 2016** • **University Technology PETRONAS, Perak**
 - Bachelor of Tech (Hons) Petroleum Geoscience Major in Basin Reservoir
 - CGPA: 3.05
- 2008 - 2010** • **UniKL Malaysian Spanish Institute, Kulim**
 - Edexcel GCE A-Level
 - 1A 2C

WORKING EXPERIENCE

- OCT 2021 - RECENT** • **Eftech Drilling Solutions Sdn Bhd (Data Engineer)**
 - Attached with **PETRONAS Reference & Master Data Management** Project
 - **Analyse, design and develop** data elements, dependencies and relationships, and data models.
 - **Monitor, optimise performance, diagnose and troubleshoot data pipelines**, processes and any data exchanges with other database and system.
 - **Ingest and consolidate** data from multiple systems and database.
 - Develop **data integration** between **Power BI**, database and system.
 - **Design and develop Power BI dashboard** for Reference & Master Data.
 - **Coordinate with SME** to implement Reference & Master Data in PETRONAS Upstream data.
- JUN 2019 - AUG 2021** • **Ocned Water Technology Sdn Bhd (Geologist)**
 - Facies classification using **Unsupervised Machine Learning**.
 - Clustering water quality and geological data classification using **Supervised and Unsupervised Machine Learning**.
 - **Analyze and visualize geological data** to client into 3D model using **Rockworks**.
 - Provide well design, logging, drawing, graph and report.
- FEBRUARY 2018 - MAY 2019** • **Bumimetro Engineering Sdn Bhd (Geologist)**
 - Soil investigation and micropile.
 - Prepare borelog and collect sample.

OTHER WORK EXPERIENCE

Geo Technology Resources Sdn Bhd (May 2017 – Feb 2018)

- Geologist
- Expose to fieldwork for data acquisition, processing and interpretation of geological modelling.
- Prepare geological map, cross sectional diagram and report.

Kagawa Drilling Technology Sdn Bhd (March 2016 – May 2017)

- Geologist cum Site Engineer
- Site coordination, management of subcontractors.
- Provide well design, logging, drawing and report.

PROJECT EXPERIENCE

Upstream Reference & Masterdata for Subsurface Data

- Ingest and consolidate data from multiple systems and database in Upstream Petronas.
- Design and develop Upstream Reference & Master Data dashboard using Power BI.
- Liase with SME to implement Reference & Master Data in PETRONAS Upstream data.

Open Subsurface Data Universe (OSDU)

- Design and develop Reference & Masterdata OSDU dashboard using Power BI.
- Develop, monitor and troubleshoot data integration between OSDU and Power BI dashboard.
- Analyse and develop data elements, relationships and data models from OSDU.

Cash Horse Biomass Factory Sandakan, Sabah

- Groundwater and geological data acquisition such as resistivity data.
- Visualize 3D model using Rockworks and present findings to client.

Johor Groundwater Project

- Groundwater and geological data acquisition such as TEM, resistivity, water level and water quality of monitoring well.
- Produce 3D model of the data using Rockworks and present findings to client.

Data Scientist Pet Project

- Churn Model on credit card dataset from Kaggle.
- Classification Machine Learning on Titanic dataset from Kaggle.
- Multiple linear regression on life expectancy dataset from World Health Organization.
- Clustering on credit card dataset from Kaggle using Kmeans and DBSCAN.
- Association rules on groceries dataset from Kaggle using Apriori.
- Object detection apps using Tensorflow.js and React.js with COCO SSD trained model.
- Push up and bicep curl counter using mediapipe pose estimation model.
- Mining 'vaccines' twitter data and conduct TextBlob sentiment analysis using Spark Application.



PERSONAL REFERENCE

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