ABDUL WHOZAIFAH BIN ABDUL RAHIM

DATA SCIENTIST | DATA ENGINEER | DATA ANALYST

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https://jpah11.github.io/Whozaifah/

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 & Master Data Management 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.
- Presented data insights and findings to SME in the form of reports, presentations and dashboards.
- Conducted data hygiene and enrichment activities to ensure the accuracy and completeness of data.
- Successfully develop Reference & Master Data for subsurface data such as PVT, Fluid Sample, Well Log, Reservoir, Play, Lead, Prospect, Seismic and etc.

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.

Integrated E&P Opportunity Evaluation Project
- Completed Integrated E&P Opportunity Evaluation Project as part of the final year syllabus in University Technology PETRONAS.
- Assessing the geology, petrophysics, volumetric evaluation and risk analysis of Ketam field to determine the most effective development strategies.

Data Scientist Pet Project
- 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.

SCAN ME

PERSONAL REFERENCE

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