

**Sidi Zainul Abideen Bin Azli
Shah**

Project Experience

Inspired to utilize the Ai Solution in Data
Science and Analytic Industry.

Past Employer



About Myself

Bio

Passionate About Data Science and Analytic

Born on 8 Nov 1998 and soon will be graduated from Bachelor Degree of Information System Engineering (hons) in Intelligent System Engineering with CGPA 3.74. Since then I have participated a lot of Data Science and analysis projects during University Studies at Universiti Teknologi Mara and Internship with Petronas

PROGRAMMING LANGUAGE

Python,R,DAX,C++ and SQL

SOFTWARE

Microsoft Office Apps,Power Bi, Weka and RapidMiner

DATA SCIENCE KNOWLEDGE

Machine Learning, NLP, Regression

Project List

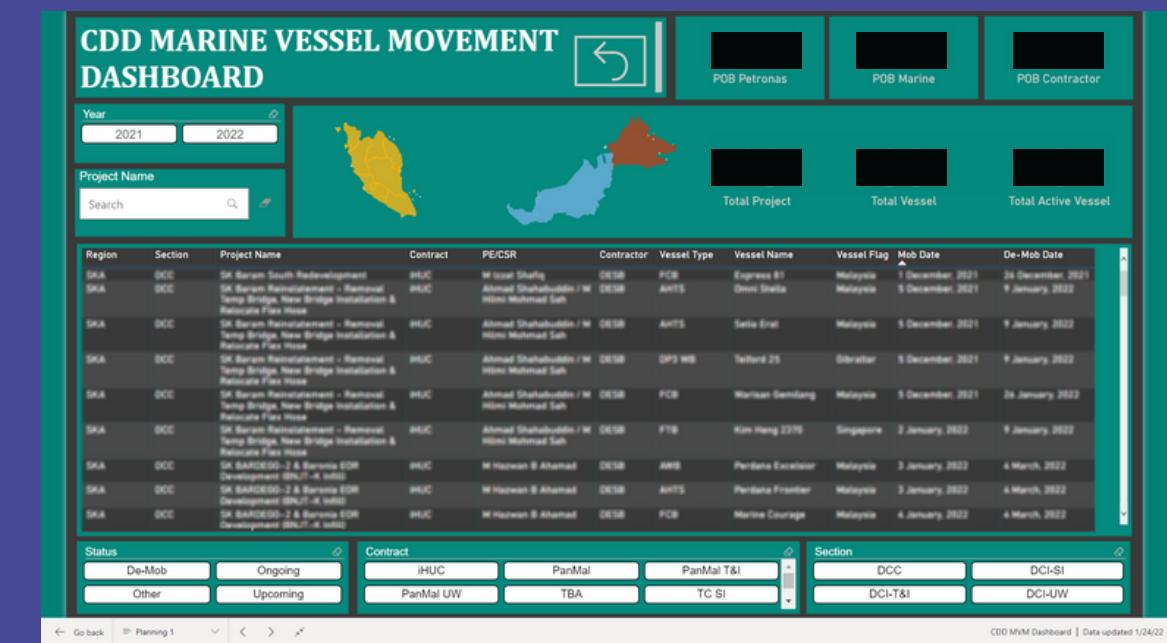
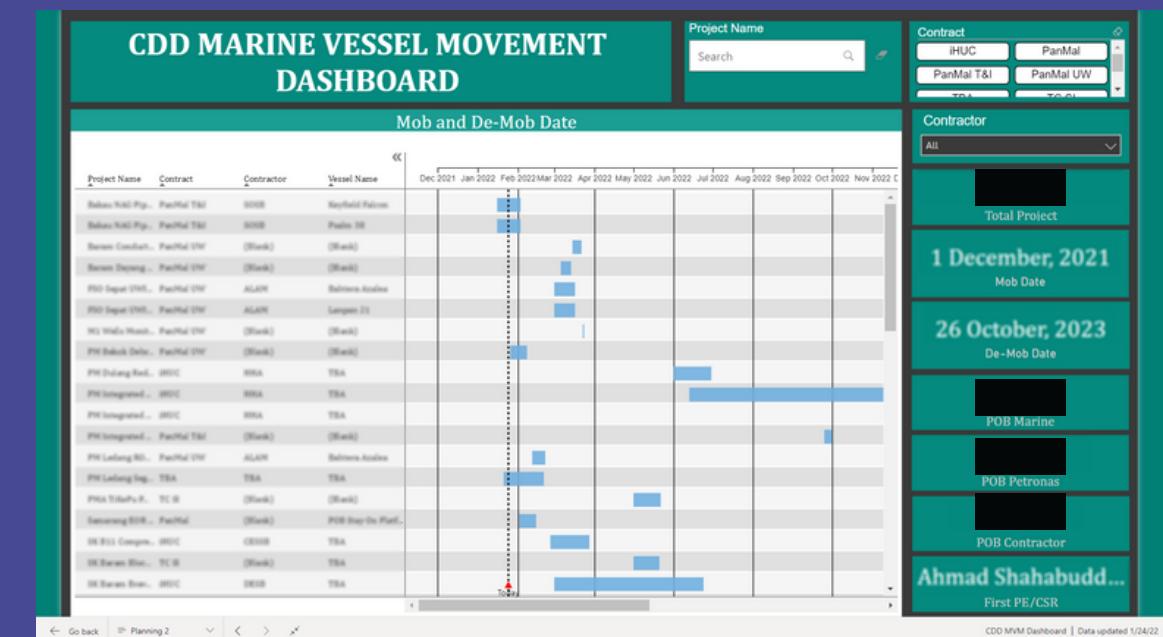
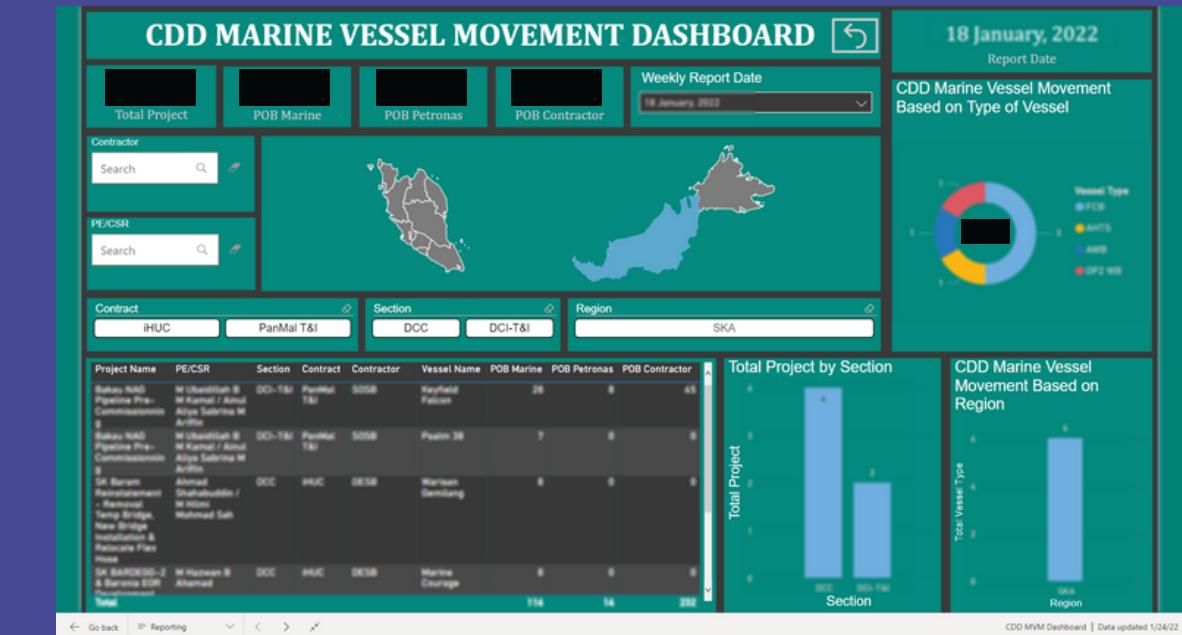
As per now, the following slide will show all projects where i have work as Data Analyst and Data Scientist.



Petronas

Marine Vessel Movement

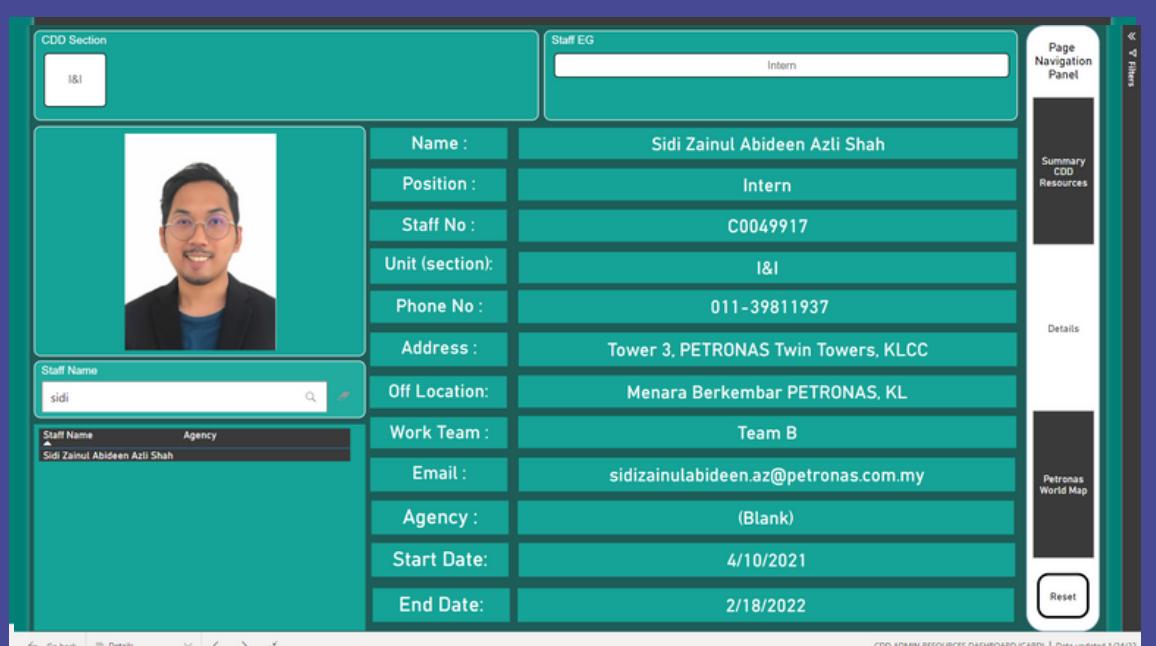
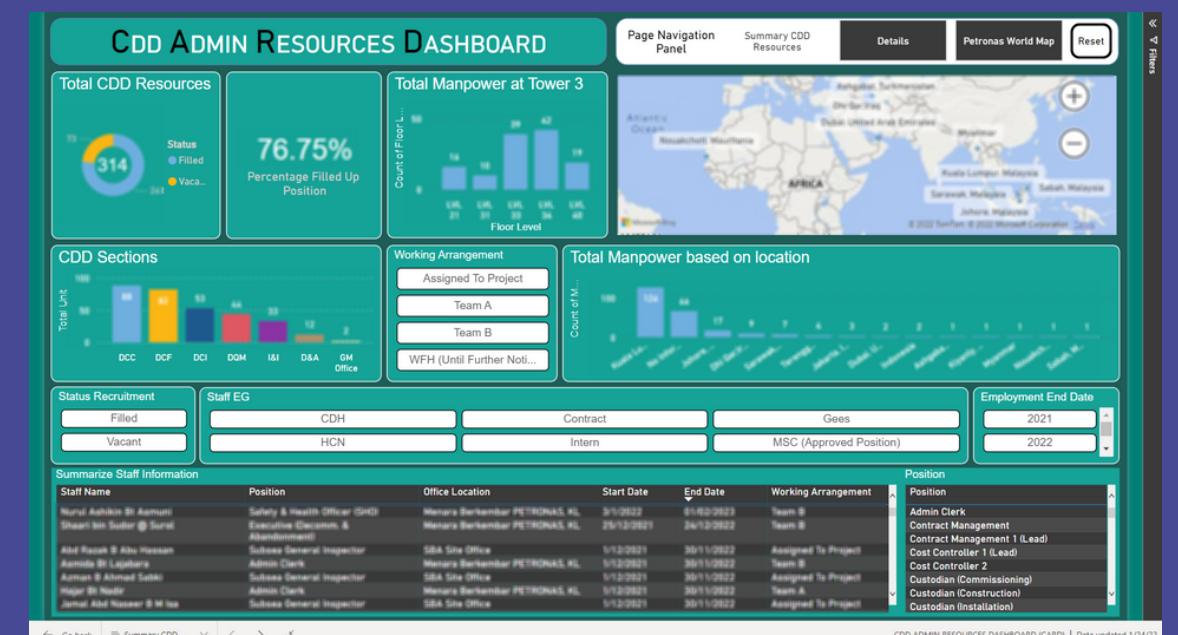
Series of report to visualize information of Vessel to be use for Petronas project in form of Reports, Planning and Schedule.



Petronas

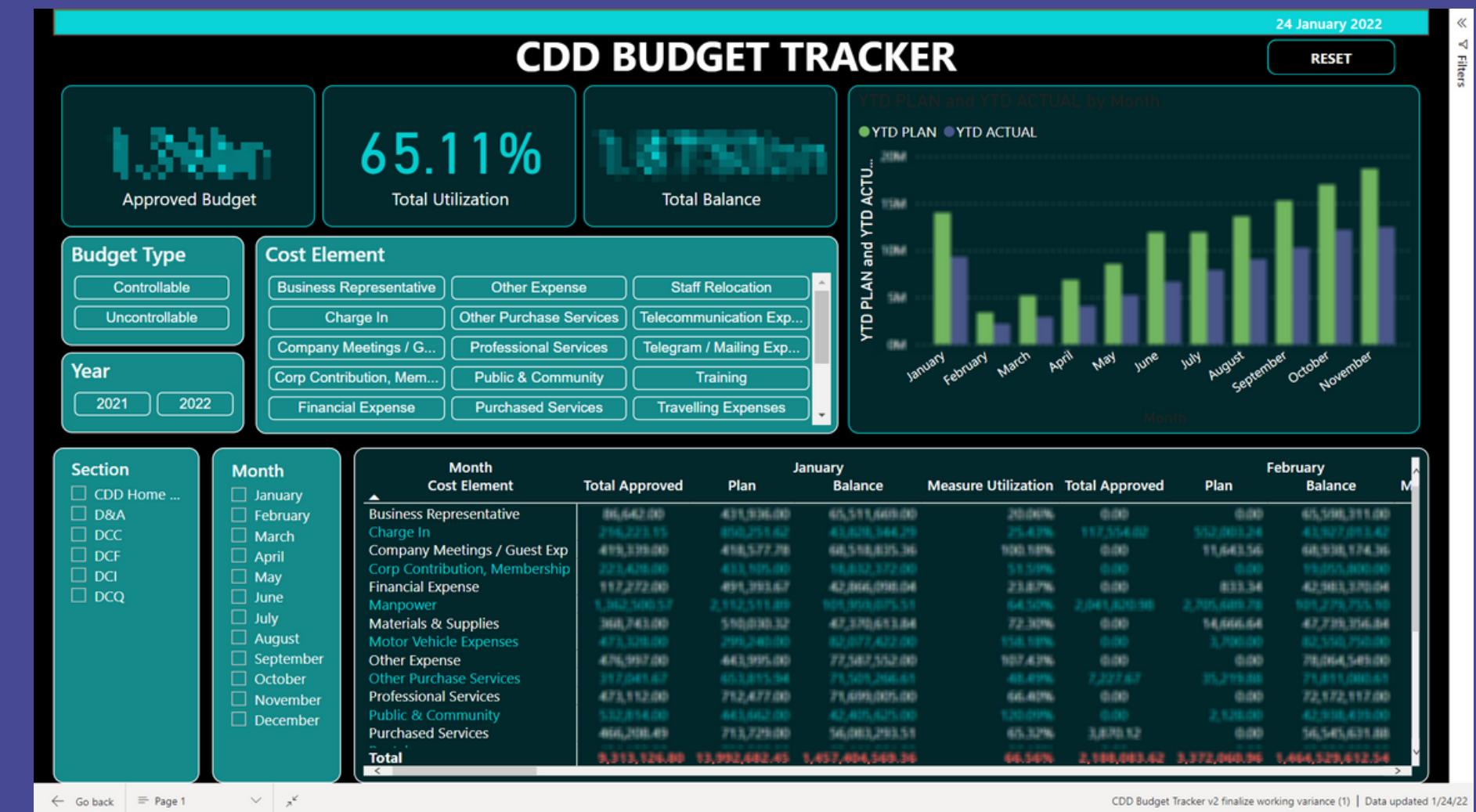
CARD

Stands for CDD Admin Resources
Dashboard with the main objective to
track CDD Petronas resources
throughout the world.



CDD Budget Tracker

Simple reports to visualize CDD Petronas Budget across its section.



Marine Centralize Dashboard

Have abbreviation name of MCD where it centralized every possible information and analysis information that before only can be visualize manually on excel. Now with the template, i have created, Petronas Marine Team can store historical data for further analysis process.

CDD MARINE CENTRALIZED DASHBOARD

PROJECT MARINE SPREAD INFORMATION

CDD MARINE SPREAD STATUS
Shows overview information of active campaigns title, vessel names, offshore locations, and number of personnel onboard

[VIEW STATUS >>](#)

CDD PROJECT INFORMATION
Shows project details information comprise with mob date, de-mob date, contract type, in charge CSR/PE, and list of vessels involved with respective campaigns

[VIEW STATUS >>](#)

CDD PROJECT TIMELINE
Shows project details information comprise with mob date, de-mob date, contract type, in charge CSR/PE, and list of vessels involved with respective campaigns

[VIEW STATUS >>](#)

VESSEL DOCUMENT SUBMISSION STATUS
Shows record of document submission & compliance monitoring for each vessel by contractor's Marine Coordinator

[VIEW STATUS >>](#)

VESSEL FUEL DECLARATION ANALYSIS

VESSEL FUEL CONSUMPTION MONITORING
Provide weekly fuel consumption records & performance monitoring

[VIEW STATUS >>](#)

VESSEL FUEL BENCHMARK SCORE
Shows individual vessel fuel declaration score & detail vessel activity attributes for each vessel

[VIEW STATUS >>](#)

VESSEL ACTIVITY FUEL CONSUMPTION
Shows individuals & overview of vessel fuel declared consumption according to each vessel activity attribute

[VIEW STATUS >>](#)

VESSEL SPECIFICATION DATA
Shows comparison between selected vessel's technical specification from database for advance evaluation purpose

[VIEW STATUS >>](#)

Go back | Landing Page | < > | CDD Marine Centralized Dashboard | Data updated 1/27/22

More snapshot of MCD on the next page

Petronas

POWERBI | CDD MARINE CENTRALIZE DASHBOARD

Last Cut-Off: 25 January 2022

FUEL CONSUMPTION MONITORING

WEEKLY FUEL CONSUMPTION RECORDS & PERFORMANCE MONITORING

FILTER

REGION	All	CONTRACT	All	YEAR	All
PROJECT NAME	All	CONTRACTOR	All	Vessel Type	All

FUEL RECORDS

- CONSUMED (LITRES)
- BENCHMARK (LITRES)
- SAVED FUEL (LITRES)
- SAVED FUEL (%) 11.24%

ACTUAL FUEL CONSUMPTION RECORD BY VESSEL TYPE

Vessel Type	Consumed (litres)
AHTS	5.08M
FCB	3.58M
BP Dev	2.2M
AHRS	1.3M

0M 5M Acumulated Actual Fuel Consumed(litres)

ACTUAL FUEL CONSUMPTION BY SECTION

Section	Consumed (litres)
IND	9.68M
IND-TIMI	2.2M
IND-UMI	1.8M

0M 5M 10M

ACTUAL FUEL CONSUMPTION BY REGION

Region	Consumed (litres)
SAB	5.6M
PERIA	0.8M

0M 10M

Section Project Name Contract PE/CSR Vessel Type Vessel Name
 DCC B111 CoCo BHIC Nasrul Izzad Ideris / M Muiz M Shakib AHTS Grade C
 DCC B111 CoCo BHIC Nasrul Izzad Ideris / M Muiz M Shakib AHTS Kazo Jc
 DCC B111 CoCo BHIC Nasrul Izzad Ideris / M Muiz M Shakib AHTS Michyn
 DCC B111 CoCo BHIC Nasrul Izzad Ideris / M Muiz M Shakib AHTS Two Ka
 DCC B111 CoCo BHIC Nasrul Izzad Ideris / M Muiz M Shakib AHTS Petra C
 DCC B111 CoCo BHIC Ahmad Shahabuddin / M Hilmi Mohamad FCB Alkaifi
 DCC Baram Bravo Reinstatement BHIC Ahmad Shahabuddin / M Hilmi Mohamad AHTS Omni S
 DCC Baram Bravo Reinstatement BHIC Ahmad Shahabuddin / M Hilmi Mohamad AHTS Pending
 DCC Baram Bravo Reinstatement BHIC Ahmad Shahabuddin / M Hilmi Mohamad AHTS Setia Is
 DCC Baram Bravo Reinstatement BHIC Ahmad Shahabuddin / M Hilmi Mohamad AHTS Sah
 DCC Baram Bravo Reinstatement BHIC Ahmad Shahabuddin / M Hilmi Mohamad FCB Marine
 DCC Baram Bravo Reinstatement BHIC Ahmad Shahabuddin / M Hilmi Mohamad FCB Warisan
 DCC Baram South Redev BHIC M Izzat Shafiq AHTS Pending
 DCC Belok BHIC Farah Shafiqah Mohd Maany / Azrenal Fadillah M Farid AHTS Setia Is
 DCC BPUT-KC-AHRS BHIC M Hazwan B Ahmad AHTS Pending

Total < >

< Go back > □ ×

CDD Marine Centralized Dashboard | Data updated 1/27/22

POWERBI | CDD MARINE CENTRALIZE DASHBOARD

Last Cut-Off: 25 January 2022

CDD MARINE SPREAD STATUS

SUMMARIZE INFORMATION ON ACTIVE MARINE VESSELS

BACK REFRESH HOME

POB COUNT

FILTER

WEEKLY REPORT All

PE/CSR All

CONTRACTOR All

CONTRACT TYPE All

SECTION All

REGION All



Project

CURRENT ACTIVE

Marine PETRONAS Contractor

Vessel Type

- AHTS
- FCB
- AWB
- DP DSV

Filters

Petronas

CDD Training Database

Power Bi Dashboard that focuses on tracking Petronas Personnel eligibility to be appointed as Company Site Representative .

The screenshot shows a Power BI dashboard titled "CDD TRAINING DATABASE 2021". At the top, there is a navigation bar with four tabs: "CDD Training Database 2021", "CDD Training Tracking Mandatory Training", "CDD Training Tracking Essential Training", and "CDD Training Tracking Additional Training". Below the tabs, the main title "CDD TRAINING DATABASE 2021" is displayed in large, bold, dark blue capital letters. To the right of the title is the Petronas logo, which consists of a stylized green drop shape above the word "PETRONAS" in a bold, black, sans-serif font. At the bottom of the dashboard, there is a footer bar with icons for "Go back", "Home Page", and navigation arrows.

More snapshot of CTD on the next page

Petronas

CDD TRAINING DATABASE

Year: 2022 | [Home](#) | [Mandatory](#) | [Essential](#) | [Additional](#)

Total Participants By Month and Training

Training: Compact HSE Q1 • MOC

Month	Training	Count of Participants
February	Compact HSE Q1	1
February	MOC	1

Participants Information

Name	Project
hafiz hussin	3rd boiler project - ABF Bintulu
AHMAD RIDUAN HASHIM	BARAM ANCHOR RETRIEVAL WORK
PANJAA BEGESAN a/l RAGUPATHY	Baram Reinstatement
Abdul Hakim Bin Ismail	Baram South Redevelopment Project
Saiful Asri Othman	Baronial rejuvenation
Nor arineen mat saaud	Bayan gas
Muhamad Sahir bin ahmad shatiry	Bekok
Mohd Johan Nurhakim	Bobe
Ilyana yussof	Bobe integrated
Ilyana binti yussof	Bobe integrated project
Wan Mohd Saawan Bin Wan Mazlan	BOBE Rejuv
Mohd Amir Fikri Bin Basri	Bokor Betty Brownfield & Rejuvenation
Rizman Shah Azlan	Bokor Betty Brownfield & Rejuvenation
WAN ZULFADZHLI BIN WAN ZAKI	Bokor Betty Brownfield & Rejuvenation Project
Ahmad Azri Abd Rahman	Bokor WHP
MOHAMAD NORZAINI	Bokor WHP

Total Training Conducted

Month	Training	Count of Training/Month
February	Compact HSE Q1	1
February	MOC	1

36 Total Training
2 Total Training Throughout The Year

CDD Training Database | Data updated 2/8/22

CDD TRAINING TRACKING MANDATORY TRAINING

[Filters](#)

Section: All | [OSP-BOSIET](#) | [MEDICAL](#) | [COMPACT HSE](#) | [PTW](#) | [OSP-CAEPS](#)

Name

Name	CDD Section/Organization	Project	Remarks
Shahri Ikhmal bin Azman	DCC	Yetagun AGRU	PD&T\GPD\CDD-HUC2021\M145
Siti Hajar Najwa binti Ramli	DCC	Yetagun AGRU	PD&T\GPD\CDD-HUC2021\M145
Vishnuvartha A/L Apalanaidu	DCC	Yetagun AGRU	
Mohd Faqrudin Ismail	DCI		Underwater Inspection, Repair and Maintenance Campaign - SKA Field, SBA Field and PMA Field
M Aizzuddin A Muis	DCI		Underwater Inspection, Repair and Maintenance Campaign
Azrihal Amir Ramadan	DCI	TCOT SALM2	
Helmi Ngadiman	DCI	T&B Bakau	
M Ubaidillah B M Kamal	DCI	T&B Bakau	Ref no. MOC/CHCD/Project/2021/98
Harris B Mohd Sharif	DCI	Soil Investigation	
Mazlan Bin Mustapha	DCI	Soil Investigation	
Rafien Bin Md Aripin	DCI	Soil Investigation	
M Adlan B M Roose	DCI	SKO Field, SKG Field and SBA Field, PMA Field	

PTW | **Compact HSE Training** | **Medical** | **Status OSP-BOSIET** | **CAEBS**

CDD Training Database | Data updated 2/8/22

CDD TRAINING TRACKING ADDITIONAL TRAINING

[Filters](#)

Section: All | [SIMOPS](#) | [SHOC](#) | [H2S](#)

CDD Section/Organization

Name	Project	Remarks
Mazlan Bin Mustapha	Soil Investigation	Yet to be assigned to project
M Ubaidillah B M Kamal	T&B Bakau	Ref no. MOC/CHCD/Project/2021/98
Nor Farhana binti Mohd Aris	Bokor CPP	PD&T\GPD\CDD-HUC2021\M88
Edward Awani Anak Jawa	Baram South Redevelopment Project	PD&T\GPD\CDD-HUC2021\M182
Yusnaldi Dahlan	Dulang Revisit 1.0	PD&T\GPD\CDD-HUC2021\M155
Rezal Fahmi bin Arjunaidi	Anjung	PD&T\GPD\CDD-HUC2021\M150
Faraidi Tan B Rosdi Tan	Baram, Baronia, Bakau and Tukau Fields - Sarawak Waters	PD&T\GPD\CDD-HUC2021\M149
Catherine Sim Mong Pheng	Bokor Wellhead Platforms Project	PD&T\GPD\CDD-HUC2021\M148
Shahri Ikhmal bin Azman	Yetagun AGRU	PD&T\GPD\CDD-HUC2021\M145
Siti Hajar Najwa binti Ramli	Yetagun AGRU	PD&T\GPD\CDD-HUC2021\M145
Muhamad Sahir bin Ahmad Shatiry	Integrated Bokor Betty Project	PD&T\GPD\CDD-HUC2021\M144
Teh Mei Li	Bokor Betty Brownfield and Rejuvenation Project	PD&T\GPD\CDD-HUC2021\M139
NASRUL IZZAD IDERIS	B11 Compressor Change Out Project	PD&T\GPD\CDD-HUC2021\M138
Rizman Shah	Integrated Bokor Betty Project	PD&T\GPD\CDD-HUC2021\M137
Ilyana Yussof	Integrated Bokor Betty Baram Project	PD&T\GPD\CDD-HUC2021\M136

CDD Section...

SIMOPS Training | **H2S Training** | **SHOC Training**

Training: Not Attend (26.11%) | Attend (73.89%)

Training: Not Attend (16.46%) | Attend (83.54%)

Training: Not Attend (10.76%) | Attend (89.24%)

CDD Training Database | Data updated 2/8/22

CDD TRAINING TRACKING ESSENTIAL TRAINING

[Filters](#)

Section: All | [MOC](#) | [MME](#) | [MFNM](#) | [CIDB](#) | [Contractor HSE Management](#)

Name

Name	Project	Remarks
A Hanif Ulul Azmi	Sarawak Oil Integrated Projects (SWIP)	PD&T\GPD\CDD-HUC2021\M103
Abdul Razak B Abu Hassan	IUMC	
Abdullah bin Azmi		
Abu Bakar Ismail	Baram South Redevelopment Project	
Adi Aswan B Abdullah	Integrated Bokor Betty Baram Project	PD&T\GPD\CDD-HUC2021\M80
Ahmad Faruq bin Zukifli	Separ EMP	
Ahmad Riduan Hashim	IUMC	
Ahmad Taqiyuddin B Obaidellah		
Ahmad Tamizi B Abu Kassim	Integrated Bokor Betty Baram Project	
Ainul Aliya Sabrina M Ariffin	Bakau and Baronia Field, Offshore Sarawak	
Anis Daliah binti Dawani		
Anis Rafie bin Ahmat Ramdani	Kasawari Gas Development Project	
Asmadi Wahid	B11 Compressor Change Out Project	PD&T\GPD\CDD-HUC2020\M78
Asnan B Seman		17 pax seconded to project (more than 6 months)

Awareness Managing Major Emergency | **CDD Section/Organization** | **Management Of Change (MOC)**

Marine For Non-Marine(MFNM) | **Contractor HSE Management** | **CIDB Induction Training**

Training: Not Attend (23.42%) | Attend (76.58%)

Training: Not Attend (51.27%) | Attend (48.73%)

Training: Not Attend (77.85%) | Attend (22.15%)

Training: Not Attend (10.83%) | Attend (89.17%)

Training: Not Attend (41.00%) | Attend (58.99%)

Training: Not Attend (13.29%) | Attend (86.71%)

CDD Training Database | Data updated 2/8/22

Other Notable Project With Petronas

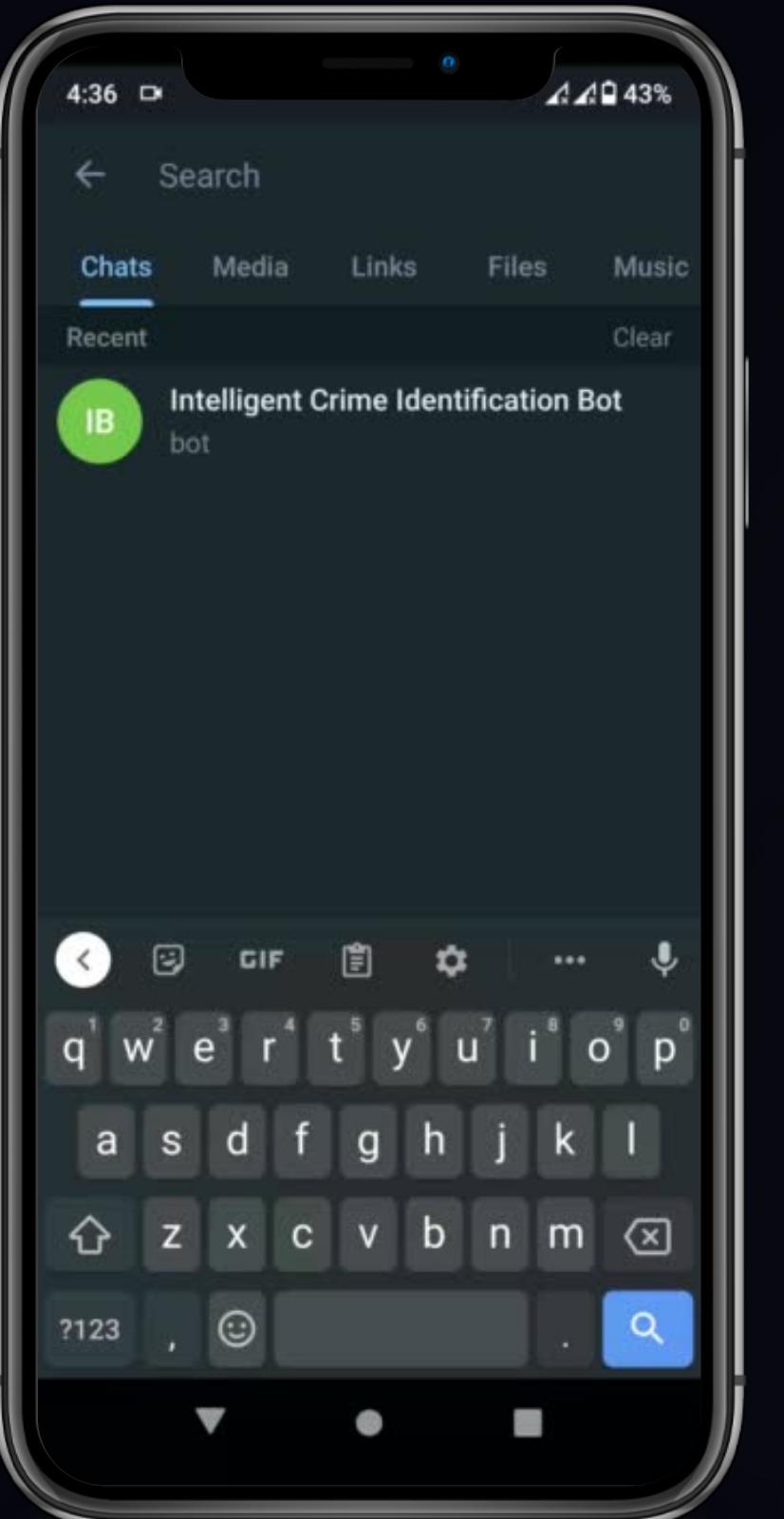
ECSR Power Apps

HUC Non Productional Analysis Dashboard

Data Science Project

ICI - BOT

Abbreviation for Intelligent Crime Identification Bot (Sounds like / see). Achieve accuracy of 91% after experimenting with algorithm of SVM, Naive Bayes, Logistic Regression and Deep Learning of CNN in classifying crime index in Malaysia. Predecessor of this model which also developed by me won Top 5 in CHIPTA Hackathon.



The video can be accessed on my LinkedIn post.



Data Science Project

Food Delivery Services App Analysis (2020)

Led analysis project as final assessment for Business Analytic course where i lead an analysis team conducting sentiment analysis toward food delivery service app that are available in Malaysia from playstore app. My contribution mostly on Descriptive and Predictive Analysis but did assisted on the other part of the analysis in forms of validating findings.

Food Delivery service app Comparison.

AISR



1. **Sidi Zainul Abideen**
2019814198
2. **Muhamad Izuddin Ahza Bin Bazri** **2019488954**
3. **Muhammad Radzi bin Abdul Rahim** **2019602358**
4. **Andirian Ahmad Bin Hamdi** **2019819118**



The slide can be accessed by clicking the icon.

Other Notable Data Science Project

Fraudulent Transaction Analysis
Titanic Surviving Prediction (Classification)
House Price Prediction (Regression)
Covid 19 Cases Prediction Using Regression

Award and Recognition

Petronas Focused Recognitions

Recognition for developing Marine Vessel Movement Power Bi Dashboard to support CDD I&I Marine team operations. I was the developer and establishing the overall main functionalities, completes during the first month of the internship.



I want to recognise

FOCUSED RECOGNITION

MVM PowerBI Team

(Ir A Rahim Baharudin, M Pahmi Yusof, M Radzuan Abd Rahimf,
M Al Husairi Zulkifli, M Jalaluddin Mohamad, Alex Ng Yit Lin, Sidi
Zainul Abideen Azli Shah, Najwa Alia Hasmalsah, Chris Hii)

- Customer Focused
- Speak Up

- Innovate Now
- Courage to Act

- Be Enterprising

in the following manner:

- Leading innovation efforts on existing Marine Reporting Work Process through Process Optimization (LSS) and Digitalization (PowerBI)
- Collaborating with CDD Marine stakeholders to simplify Marine Data Collection process without sacrificing Marine Data Quality
- Showcasing effectiveness of our Multi-Disciplinary team with excellent performance standards in terms of timeline and deliverables

By doing this, you have positively impacted the following keyresult(s):

- Petronas MFT 50.30.0, specifically improvement on existing work process (MVM)
- CDD Marine KPI and increased Marine Vessel awareness from CDD LT

M Zamri Jaidi
Head CDD, GPD, PD&T

Given by

10 Nov 2021

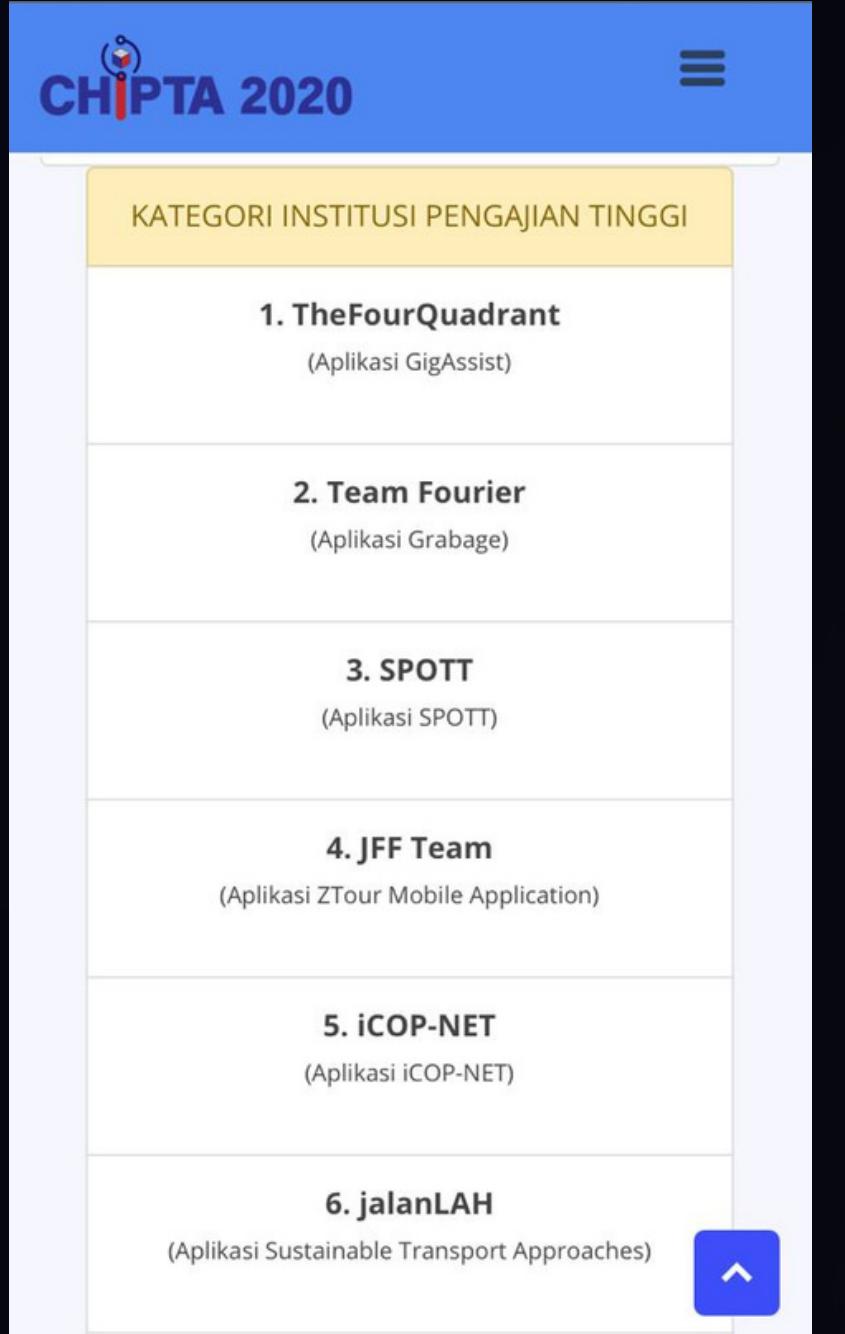
Date

PETRONAS Cultural Beliefs

Award and Recognition

TOP 5 in Hackathon Competition

TOP 5 in ICHIPTA Hackathon where i build the predecessor model of crime classification and backend engineer for the team.



Sidi Zainul Abideen

**Aspire to make world
better place using Data
Science and Analysis.**

...



Linktree
(Github Project)

Contact

sidizainul.work@gmail.com
[http://www.linkedin.com/in/
sidizainul](http://www.linkedin.com/in/sidizainul)