

ILYAS PERLINDUNGAN

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Education

ESQ Business School, B. Sc. in Computer Science

09/2017 - 07/2021

Skills

Language: English (C1 Advanced English)

Technical: Python, R, SQL, BigQuery, Vertex AI, Airflow, Google Cloud, Docker, Git, Google Data Studio, Metabase, Redash, Tableau, Google Analytics, SPSS, Jira/Clickup, Ms. Excel / Google Sheet (App Script, Arrayformula, Lookup, Index Match, etc.)

Statistic: Exploratory Data Analysis, Root Cause Analysis, Pareto Analysis, Inferential Statistic, Resampling Method: Bootstrap and Jackknife

Employment

Aruna

Data Analyst

01/2022 - Now

- Created an automatic flow to increase the response and close time by ~50% for financial reporting related tickets
- Reduced ad-hoc request related to Procurement data by ~70% by handling end to end Procurement Department reporting
- Achieved 70 (excellent) overall fishermen NPS score by providing analysis for monthly Undian GAHAR program as Aruna's loyalty program
- Decreased ad-hoc request from Community Development team by ~30% by building dashboards and reports to track crucial metrics related to their programs
- Helped on increasing fishermen and suppliers transactions by ~18% on several months by creating segmentation dashboard (RFM: Recency, Frequency and Monetary) to be used by Operation Team
- Improved time for Product's team on compiling personal OKR from ~6 days to only 2 days on average by creating automatic OKR dashboard
- Resolved data silos across the company by enabling automatic finance report (Sales, CoR, AR, Daily Cost, Cash Opname, Stock Opname, Inventory, Fishermen/Supplier Lending etc.) for all Aruna's business operations
- Implemented datamart profiling that reduced time required for new hire to explore data from average 7-8 working days to 2-3 working days
- Increased time required to propose loyalty program budget from 3 days to 1 day by creating profit journey for each site
- Successfully mentored 2 interns for a period of 6-and-9 months internship

Pasarpolis

Data Analyst Intern

09/2021 - 12/2021

- Reorganized data sources and delivered over the three new dashboards: 1) Agency OKR Q4 2021 dashboard 2) Agency Renewal Tracker Dashboard 3) Agent Withdrawal Dashboard
- Analyzed Airflow pipeline and showed issues that exist in the pipeline to respective stakeholders
- Assisted stakeholders across Pasarpolis' department with data-related ad-hoc requests
- Modified the existing data source to add new metrics to the existing sales team dashboard
- Examined the architecture of one of the main tables and requested the Engineering Manager to add an extra key
- Refined data source for policy issuance with SLA breached

Generasi Gigih by Yayasan Anak Bangsa Bisa and Gojek

Data Analyst Path

06/2021 - 12/2021

- One out of 20 selected participants out of +1000 participants from the beginner phase in Data Analyst path
- Selected to the intermediate phase: attended the English class by Cakap, and completed the 8-weeks technical and soft skills class
- Generated 1 analysis document and 1 dashboard on Indonesia COVID-19 cases and vaccination using Google Data Studio and BigQuery
- Conducted 1 experimentation design to improve sales based on the case study

DDB Telkom Indonesia*Data Scientist Intern*

10/2020 - 03/2021

- Developed 1 prototype for smart parking system using firmware and sensors to collect the car type data
- Iterated over the [project](#) across the 6 months internship

Bangk!t Academy by Google (<https://events.withgoogle.com/bangkit/>)*Machine Learning Participant*

01/2020 - 06/2020

- Learned ~3 specializations and ~20 courses on TensorFlow, Python, statistics, linear algebra, and calculus through Coursera and Khan Academy
 - Spearheaded 1 image classification system and deployed it as a [web app](#) to Heroku as the final project
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Projects**Generasi Gigih Final Project (Statistical Data Analysis)**

- Completed 1 live dashboard about COVID-19 Statistic in this [link](#)
 - Produced 1 document analysis in this [link](#)
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Certification**TensorFlow Developer Certificate (08/2020 - 08/2023)** - Refer to this link: https://bit.ly/CerTF_IP**DataCamp Courses:** Learning several courses regarding SQL, Python, Data Visualization, Statistical Thinking, Statistical Simulation, etc. [profile page](#).**DeepLearning.AI Tensorflow Developer Professional Certificate (05/2020 - No Exp. Date)****Tensorflow: Data and Development Specialization (09/2020 - No Exp. Date)**