

Idris Izzaturrahman Haidar

Data Science & Analytics

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Work experience

Academic Lecturer - Data Science

January 2021 - Present

Purwadhika Digital Technology School

- Instruct programming fundamentals with Python, database fundamentals, statistics & probabilities, data analytics & visualization, and machine learning fundamentals for Job Connector program participants
- Handled 30 students with various educational and career background (engineering, informatics, natural science, business, law) and assisted them to be hired by companies like Mapan, Orlange, PAS Technologies, Pintap, etc.
- Contribute on curriculum development with Research and Development team

Business Intelligence Analyst

May 2020 - December 2020

Kitabisa

- Collaborate with Growth team by providing monitoring & insights related with crowdfunding campaigner acquisition product & strategy
- Initiate campaign creation funnel analysis to stimulate product improvement and user tracking implementation
- Initiate analysis on campaigners' behaviour on determining their funding target
- Assist business metrics ideation and baseline calculation for campaign-driven growth OKR
- Assess how ads-driven donors & organic donors were performing during Ramadhan + COVID-19 pandemic period
- Contribute on publishing thematic newsletters to improve data literacy within internal organization
- Handle ad hoc data requests and short-term analysis

Associate Data Scientist

November 2019 - April 2020

Airy

- Collaborate with product manager to leverage hotel partners adoption on Airy's in-house property management system by analyzing relationship between adoption on PMS and customer satisfaction in hotel
- Build a routing model with Traveling Salesman Problem approach for rooms inspection auto-scheduler to help cost optimization effort
- Discover whether new facility standards help hotel partners to gain better customer satisfaction through probabilistic programming approach by Bayesian hypothesis testing
- Produce list of Airy hotels near COVID-19 hospitals using Nearest Neighbors approach and Google Maps API to help an initiative on providing residences for patients' family & medical workers
- Participate in internal competition on building hotel images classifier and Customer Service tickets classifier
- Explore which hotel service-related factors that affect occupancy rate the most by interpretable regression models
- Contribute on conducting internal sharing sessions with topics related with analytics, statistics, AI/ML, and business communication.

Data Analyst

July 2018 - November 2019

Airy

- Perform data warehousing to ease analytics preparation
- Provide metrics monitoring dashboards for business users and help to solve business questions by exploratory data analysis
- Explore whether it's possible to shift a customer's payment method choice through Markov chain model
- Analyze potential loss experienced by certain technical bugs in terms of net sales and number of reservations
- Discover whether newly introduced payment method help certain hotel partners gain more revenue by doing causal impact analysis

Software Engineer Intern

June 2017 - December 2017

Telekomunikasi Indonesia

- Provide customer profiling survey landing page for cable TV product, written in JavaScript
- Assist data warehouse migration from a third-party platform into Hadoop-based in-house service.
- Prepare and automate ETL scripts in Hive for cable TV customers analytics.

Education

Bachelor's degree, Information Systems

2014 - 2018

Computer Science Faculty, Universitas Indonesia

Thesis: System analysis and design of electronic medical record system with rapid throwaway prototyping approach

Activities

Personal Blogger

June 2021 - Present

idrishaider.github.io

Writes about statistical/ML models, covers some subjectively niche topics with toy practical examples

Private Teaching Assistant

Feb 2018 - June 2018

Computer Science Faculty, Universitas Indonesia

Course taught: Statistics & Probabilities

Head of Community Service Department

Jan 2016 - Dec 2016

BEM Fakultas Ilmu Komputer UI

Volunteer Lecturer

Feb 2016 - March 2016

Bimbingan Belajar Gratis Fakultas Ilmu Komputer UI

Taught Bahasa Indonesia & Bahasa Inggris for college entrance exam (SBMPTN) preparation

Vice Project Officer

Feb 2015 - Dec 2015

Community Development Fasilkom UI