Idris Izzaturrahman Haidar

Data Science & Analytics

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Work experience

AI Engineer
April 2022 - Present

Shipper

- Collaborate with peer in productionizing warehouse demand forecasting model

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, Warung Pintar, Olrange, Pashouses, Pintap, etc.

- Contribute on curriculum and learning content 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

idrishaidar.github.io

Writes about statistical/ML models, covers some subjetively 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