R. Dimas Bagas Herlambang

Corporate Consultant

About Me

Experienced Data Scientist with a demonstrated history of working in the higher education industry. Skilled in Policy Analysis, Econometrics, Machine Learning, and Deep Learning. Strong research professional with a Bachelor's degree focused in Economics from Universitas Airlangga. Currently working as a Corporate Consultant at Algoritma Data Science Education Center, and handled various business problems through data sciences; from simple data preprocess to how to handle big data, and from general machine learning problems to more complex deep learning tasks.

Educations

2014 - 2018 **Bachelor's Degree in Economics**, *Universitas Airlangga*, Jln. Airlangga 4-6, Surabaya, Indonesia.
- GPA of 3.74

Experiences

Nov 2018 - Aug 2019 **Corporate Consultant**, *Algoritma Data Science School*, Menara Kadin Indonesia, Jln. H.R. Rasuna Said, Jakarta Selatan, Indonesia.

Jul 2018 - Nov 2018 **Teaching Assistant**, *Algoritma Data Science School*, Menara Kadin Indonesia, Jln. H.R. Rasuna Said, Jakarta Selatan, Indonesia.

Feb 2018 - Jul 2018 **Research Assistant**, *Department of Economics, Universitas Airlangga*, Jln. Airlangga 4-6, Surabaya, Indonesia.

Jul 2017 - Dec 2017 **Senior Researcher**, *Pusat Data Analisis Keuangan Indonesia, Universitas Airlangga*, Jln. Airlangga 4-6, Surabaya, Indonesia.

Oct 2016 - Jul 2017 **Manager of Research Division**, *Pusat Data Analisis Keuangan Indonesia, Universitas Airlangga*, Jln. Airlangga 4-6, Surabaya, Indonesia.

Past Organizations

Dec 2016 - **Vice President**, *Badan Eksekutif Mahasiswa Fakultas Ekonomi dan Bisnis*
Dec 2017 *Universitas Airlangga (Student Executive Board)*.

Dec 2015 - **Chairman**, *Himpunan Mahasiswa Ekonomi Pembangunan Universitas Air-*
Dec 2016 *langga (Student Association)*.

Honors and Awards

Oct 2017 **1st Place Winner for Student Category in 4th EJAVEC**, *Bank Indonesia*
& Universitas Airlangga.

Mar 2016 **Awardee of Generasi Baru Indonesia Scholarship**, *Bank Indonesia*.

Publications - Papers

Oct 2018 **Optimizing Demographic Dividend in Perspective of Return on Edu-
cation in East Java: To School, to Work, or to Entrepreneur?**, *EJAVEC
Journal*.

Publications - Softwares (R Packages and Projects)

Jun 2019 **rucoin: An R API to KuCoin market**,
https://github.com/bagasbgy/rucoin.

May 2019 **tidymodels-examples: A personal collection of tidymod-
els implementation for various machine learning routines**,
https://github.com/bagasbgy/tidymodels-examples.

Feb 2019 **rockerverse-kickstart: A quick start for RStudio server in a container**,
https://github.com/bagasbgy/rockerverse-kickstart.

Jan 2019 **shiny-retail: A shiny dashboard for monitoring a retail business ac-
tivity**, *https://github.com/bagasbgy/shiny-retail*.

Jan 2019 **kerasgenerator: Data generator for Keras interface to R**,
https://github.com/bagasbgy/kerasgenerator.

Oct 2018 **forecasting-lab: A shiny dashboard for forecast modelling and testing**,
https://github.com/bagasbgy/forecasting-lab.

▬▬▬ Projects

Feb 2019   **Course Producer for PT Akur Pratama (Yogya Group)**, *Algoritma Data Science School.*

Nov 2018   **Course Producer for PT Astra Honda Motor**, *Algoritma Data Science School.*

Oct 2018   **Course Producer for PT Kereta Api Indonesia**, *Algoritma Data Science School.*

Sep 2018   **Course Producer for PT Saka Energi Indonesia**, *Algoritma Data Science School.*

Sep 2018   **Course Producer for Algorithmic Trading using R**, *Algoritma Data Science School.*

Jun 2017   **Instructor in Capacity Building for Bank Indonesia, Jember Representative Office**, *Bank Indonesia, Jember Representative Office.*

May 2017   **Instructor in Capacity Building for Bank Indonesia, East Java Representative Office**, *Bank Indonesia, East Java Representative Office.*

Apr 2017   **Regional Economist for BRI, East Java Representative Office**, *BRI, East Java Representative Office.*

Certifications

Dec 2017 **DSAx: Debt Sustainability Analysis**, *International Monetary Fund*.

Dec 2017 **WDR01x: Digital Dividends: Strengthening the Analog Foundation of the Digital Revolution**, *World Bank Group*.

Nov 2017 **Introduction to R Course**, *DataCamp*.

Skills - Programming Languages

- R
- python
- Docker
- Apache Drill
- Apache Spark
- Apache Hadoop
- Apache Hive

Skills - Data Science Proficiencies

- Time Series and Forecasting
- Econometrics
- Deep Learning
- Machine Learning in General