

## DATA ANALYST / DATA SCIENTIST

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Graduated from the Physics Study Program, Institut Teknologi Kalimantan. Data Scientist certified from DQLab and Kaggle. Passionate in research, good communicator, skeptical, and analytical. Have a knowledge of statistics, Excel, Python, and familiar with Tableau. Spent about 4 years to analyze some nature phenomena. This skill will be useful to analyze numerous data to create business insight.

## STRENGTHS AND EXPERTISE

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**Programming Language:** SQL, Python

**Analytic Tools:** Tableau, Excel

**Modelling Techniques:** Exploratory Analysis, Data Visualization, Web Scrapping, Linear Regression, Logistic Regression, Decision Tree, Random Forest, Hypothesis Testing, A/B Testing, Time Series.

## EDUCATION

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**Institut Teknologi Kalimantan**, Physics Study Program  
Bachelor of Science

August 2016-September 2020

Graduate of Physics study program with 4-year experience of analyze the phenomenon and study how gave an explanation it to a non-science people. Active in several campus organizations and academic activity.

- Courses taken include: Technopreneur, Statistics, Algorithm and Programming, Linear Algebra.
- Studied fundamental statistics calculation of descriptive statistics (such as mean, median, mode, deviation standard, etc) and hypothesis testing.
- Learned to create a business technology-based plan. The process (from research, SWOT analysis, financial planning, and partnership) takes 8 weeks. The result has been presented at the end of semester.
- Cumulative GPA (IPK): 3.29

## EXPERIENCE AND ORGANIZATION

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**Indonesian Institute of Science, Serpong.**

June 2019-August 2019

Research Assistant, *Nanomaterial and Nanomagnetic Division*

Indonesian Institute of Science is an national research Institute that located in Serpong, South Tangerang. Conducted research on solar panel in Nanomaterial and Nanomagnetic research group at Physics Research Center.

- Conducted an experiment on solar panel. Utilize **Excel** in order to analyze the pattern of solar heat on the panel. Around 300 heat data have been recorded automatically by a heat recording tool and about 150 data manually.
- The result of the experiment has been presented in front of research team and wrote the report that detailing method, tools, design of the experiment, result, conclusion, and what step that should do next.

**Institut Teknologi Kalimantan**  
**Teaching Asistant**

August 2018-December 2018

Became Teaching Assistant at campus for one semester.

- Teach the Fundamental of Physics course. Simplify some of complicated topics and terminologies in physics to the first year students. Collaborate with lecturer and colleagues, about 80 percent of total students understand and could solve the basic problems of the course.