

## CURRICULUM VITAE



### Personal Information

- Name : Mohammad Aris Darmawan
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### Educational Background

Bachelor of Electrical Power Engineering, Institut Teknologi Bandung (ITB), GPA 3.60

### Professional Certificate

- Data Scientist Professional Certificate by DataCamp. Certified on May 17, 2021. Certificate link: <https://www.datacamp.com/certificate/DS0017217522355>
- Data Analyst Professional Certificate by DataCamp. Certified on December 23, 2021. Certificate link: <https://www.datacamp.com/certificate/DA0016429450683>

### Award and Achievement

- 3rd Winner at PLN Innovation (July 2016). Our team designed 150 kV emergency tower using 20 kV concrete pole to replace the collapsed 150 kV transmission tower because of hurricane.
- Finalist at Telkomsel Tech Titans League 2021 – Data Science on 14 September 2021.

### Work Experience

Feb 2016 – now: Data Analyst – PT PLN (Persero)

Job Description:

- Make Key Performance Index (KPI) dashboard using Tableau that monitors monthly performance index in PLN. The dashboard consists of target vs actual of each KPI.
- Make dashboard that monitors enterprise asset management (EAM) process in PLN using Tableau.
- Make dashboard that monitors monthly progress of breakthrough programs in PLN using Tableau. The dashboard consists of target vs actual of each breakthrough programs.
- Analyze datasets from lightning sensors to detect the critical area in transmission towers using Python programming language and Tableau to install grounding rods to decrease electrical disturbances caused by lightning.

### Portfolio

- Tableau Public: <https://public.tableau.com/app/profile/mohammad.aris.darmawan>
- Predict the sales price of used car based on several conditions. The goal of this project is to build machine learning model which can predict the price accurately. I used random forest and gradient boosting technique. After comparing both models, gradient boosting has a better performance in predicting sales price. The training R square is 0.961 and testing R square is 0.964.  
<https://github.com/marisdarmawan/BMW-SALES-PRICE-PREDICTION>
- Github Profile: <https://github.com/marisdarmawan>

### Key Skills

- High proficiency: Data Analysis (LinkedIn badge), Microsoft Office (Excel, PowerPoint, Word)
- Intermediate: Python (LinkedIn badge, HackerRank certificate), Machine Learning (LinkedIn badge), SQL (LinkedIn badge, HackerRank certificate), Tableau, English communication
- Basic proficiency: Deep Learning