

**MICHAEL WIRYASEPUTRA**  
**Data Scientist | Data Analyst | Data Engineer**  
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## PROFESSIONAL EXPERIENCE

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**PT. ARIF INOVASI TEKNOLOGI** (JANUARY 2024 – PRESENT)

**Data Scientist**

- Developing Data Analytics platform to make Data Analysis easier
- Collect, clean, and analyze data to understand trends, patterns, and relevant insights that can be applied in machine-model development
- Create AI Model Development, Programming Language (Python), Library & Framework using (TensorFlow, PyTorch, Scikit-Learn)
- Evaluate model performance periodically, perform parameter tuning, and improving the model to remain relevant and in line with business needs or project.
- Scrapping Twitter Data to make Sentiment analysis about product and then visualize it using worcloud and N-Gram
- Making Data Visualization and Actionable insight about product sales from some period
- Continue to deepen knowledge about the latest technology, algorithms, and developments in the world of machine learning to present innovative solutions and effective.
- Provide creative and efficient solutions to technical challenges or methodological in developing machine-learning models

**PLATTER.AI** (SEPTEMBER 2023 – NOVEMBER 2023)

**Data Scientist**

- Create a LLM model using Langchain and OpenAI to make a summary from pdf documents and make Langchain and OpenAI explain the pdf documents for the vectordatabase, using ChromaDB.

**PETA KEBIJAKAN** (MARCH 2023 – AUGUST 2023)

**Data Scientist**

- Design, develop and implement machine learning models effective and scalable for solving complex problems, using appropriate algorithms and techniques are required.
  - Count the similarity each document, Text analysis using word cloud, Create taxonomy analysis of each documents, Tri-Gram, Bi-Gram and Uni-Gram analysis.
  - Continue to deepen knowledge about the latest technology, algorithms, and developments in the world of machine learning to present innovative solutions and effective.
  - Provide creative and efficient solutions to technical challenges or methodological in developing machine-learning models
  - Collect, clean, and analyze data to understand trends, patterns, and relevant insights that can be applied in machine-model development
  - Predict whether the draft laws will be passed or did not pass and getting the accuracy of 89% using Random Forest Classifier
  - Make Sentiment Analysis using Transformers
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## EDUCATION

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**SOEGLJAPRANATA CATHOLIC UNIVERSITY**  
*Bachelor of Computer Science*      **2019 - 2023**

**Semarang, Central Java**

**RAKAMIN ACADEMY**  
*Data Science Bootcamp*                      **2023**

**DIGITAL SKOLA**  
*Data Engineering Bootcamp*              **2024**

## ADDITIONAL INFORMATION

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- My LinkedIn : <https://www.linkedin.com/in/michael-wiryaseputra/>
- End to End Data Science Portfolio :  
[https://colab.research.google.com/drive/1\\_qtMAv5tPMvbBgRQItcROqqDN6uwNcYf?usp=sharing](https://colab.research.google.com/drive/1_qtMAv5tPMvbBgRQItcROqqDN6uwNcYf?usp=sharing)
- Competitions: GenAI Hackathon | APAC Edition
- Competitions : Analytics Vidhya Shortlisted Data Science Blogathon - 24 (Rank 9/1005). Link :  
<https://www.analyticsvidhya.com/blog/2022/09/bank-customer-churn-prediction-using-machine-learning/>
- Competitions : Student of The Year 2021 (Top 19 Finalist)
- All of my Data Science Portfolio : <https://github.com/MagicDash91/All-of-Data-Science-Project>