

# Muhammad Chavez Assad Patriot

## Data Enthusiast

Bekasi, Indonesia | <https://api.whatsapp.com/send?phone=6281320105679> | [chavezpatriot20@gmail.com](mailto:chavezpatriot20@gmail.com) | <https://www.linkedin.com/in/muhammad-chavez-assad-patriot/>

## SUMMARY

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Graduated with Bachelor of Science in Meteorology with a solid background in programming (Python, R, and SQL) and skilled in data visualization tools like Tableau and Power BI. With over a year of hands-on experience in data analysis, I excel at extracting meaningful insights from complex datasets. Known for my proactive and analytical approach, I have a proven ability to think creatively. Self-motivated and hard-working, I thrive both independently and as part of a collaborative team environment. I am dedicated to continuous learning, ensuring I stay at the forefront of new technologies and methodologies.

## EXPERIENCE

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### Ombudsman Republic of Indonesia – Jakarta, Indonesia

**Data Analyst Staff** (January 2023 - April 2024)

- Analyzed and classified data on receiving complaints related to public services over 74,000 complaints based on product of receiving complaint in 2018 – 2022.

**Tools: Google Sheets, Microsoft Excel**

- Developed a behavioural assessment measurement tool for Ombudsman personnel and analyzed the results from 4 work units at the Head Office in August 2023 and February 2024. The measurement results show a fairly high level of exemplary behaviour, commitment, service, and equality and the average level of view of colleagues' behaviour ranges from a scale of 4 – 5.

**Tools: Google Form, Google Sheets, Microsoft Excel**

### Bandung Institute of Technology – Bandung, Indonesia

**Practicum Assistant** (August 2020 – May 2022)

- Taught around 10 – 50 students in using programming languages and software for practical purposes. Students can understand theory during lectures through the application of the programming language and software used.

**Tools: Python, R, Microsoft Excel, Fortran, QGIS**

Subject:

- Computational Meteorology
- Elementary Statistics
- Introduction to Computation
- Meteorological Information System
- Numerical Methods of Meteorology
- Numerical Weather Prediction Methods I
- Weather and Climate Data Analysis II

### Students Association Meteorology “Atmosphaira” ITB – Bandung, Indonesia

**Staff of Discussion, Literacy and Study Division** (June 2020 – March 2022)

- Wrote 2 – 3 articles about meteorological phenomena and climate change. The articles can be expected to increase knowledge related to meteorological science to the public.

**Tools: Microsoft Word**

- Created and published a simple weather prediction poster from 4 available weather prediction models.

**Tools: Canva, Instagram, Line**

## EDUCATION

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**Bandung Institute of Technology** (August 2018 – July 2022)

Bachelor of Science, Meteorology – GPA 3.70

- Honors: Cum Laude
- Bachelor Thesis: Quantitative Precipitation Estimation (QPE) Based On Radar Data With Q-Matching Correction In East Java

CERTIFICATIONS

- Data Visualization & Data Wrangling (September 2024 – Present)  
Link: <https://sertifikat.pacmann.ai/CPt3xdleObAsHov>
- Basic Python Programming & Python for Software Engineering (July 2024 – Present)  
Link: <https://sertifikat.pacmann.ai/U3cg18s6nwQx5BB>
- MOOC Machine Learning in Weather and Climate (April 2023 – Present)  
Link: [https://drive.google.com/drive/folders/1I6vrGuLQ1zYFJl\\_0wdUK7C9asTuJlakz?usp=drive\\_link](https://drive.google.com/drive/folders/1I6vrGuLQ1zYFJl_0wdUK7C9asTuJlakz?usp=drive_link)
- Intro to Data Analytics Mini Course (July 2022 – Present)  
Link : <https://certificates.revou.co/muhammad-chavez-certificate-completion-damc22.pdf>

PROJECTS

- A Deep Dive into Taylor Swift’s Record-Breaking Tour  
Link: <https://medium.com/@muhammadchavez/a-deep-dive-into-taylor-swifts-record-breaking-tour-sekolah-data-pacmann-project-760a753bb673>  
**Tools: Python, Tableau**
- Global Air Pollution 2023  
Link: <https://medium.com/@muhammadchavez/from-data-to-action-analyzing-air-pollution-across-the-global-713d5b8fde47>  
**Tools: Tableau**
- Super Cashier  
Link: <https://github.com/Chavez56/Python-Cashier>  
**Tools: Python, GitHub, Git**
- Crime Analysis in Los Angeles 2020-2024  
Link: <https://github.com/Chavez56/Crime-Analysis-in-Los-Angeles-2020-2024>  
**Tools: Power BI, Microsoft Excel**

SOFT SKILLS

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|-----------------------|---------------------|
| ▪ Active Learning     | ▪ Creative Thinking |
| ▪ Adaptable           | ▪ Flexible          |
| ▪ Analytical Thinking | ▪ Time Management   |
| ▪ Attention to Detail | ▪ Teamwork          |
| ▪ Communication       |                     |

HARD SKILLS

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|---|------------|
| ➤ Data Analysis                         | ➤ Python   |
| ➤ Data Visualization                    | ➤ R        |
| ➤ Mathematics                           | ➤ SQL      |
| ➤ Meteorology                           | ➤ Tableau  |
| ➤ Statistics                            | ➤ Power BI |
| ➤ Microsoft Word, PowerPoint, and Excel |            |

LANGUAGES

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|-------------|-----------|
| ➤ Indonesia | ➤ English |
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