



Generasi Gigih

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Inequality Gender Employment



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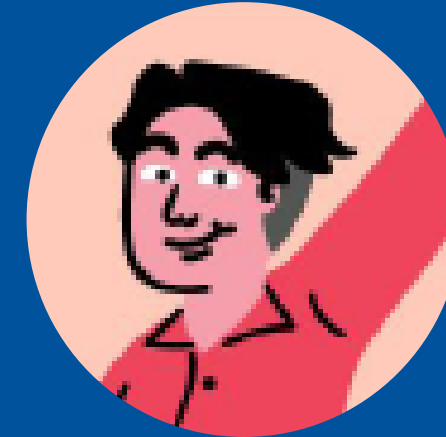


HELLO!

We are from Group DA_EM_13



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Presentation Outline

Introduction



Project
Background



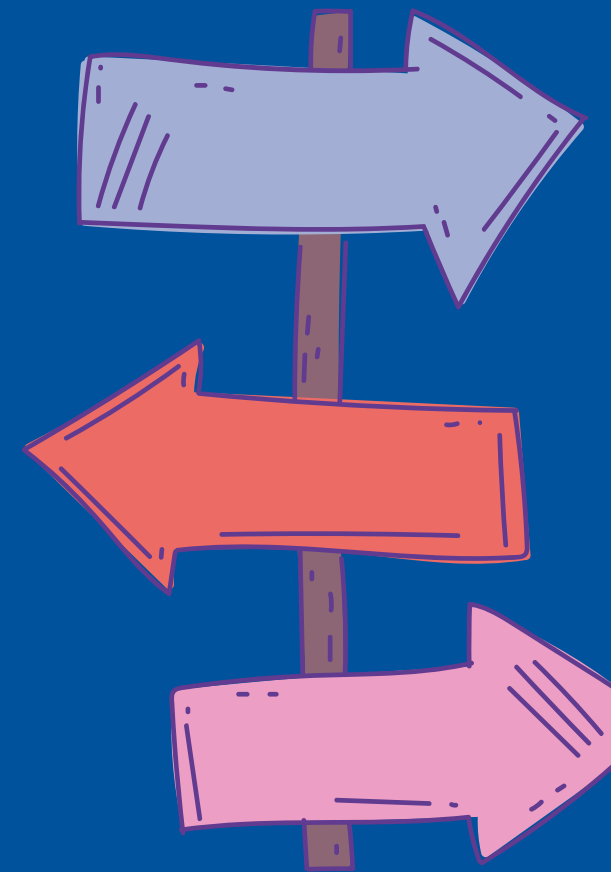
Tech Stack
& Impact



Learning
Takeaways



Data Dashboard
Demo



**Do you know about
inequality of gender
employment in Indonesia?**

&

**How can data help us
analyze and recommend to
find a job?**



Project Background:

Problem we're trying to solve



According to BPS RI data, Indonesia's unemployment rate is **5.83 percent** of the entire population of Indonesia as of February 2022. The unemployment rate is dominated by women.

Reinforced by the McKinsey & Company report, **the ratio of women working in corporations (formal job) is still lower than men.** The **higher** the position, the **smaller** the proportion of women occupying the position.

Project Background

Our Project to solve The Problem!!

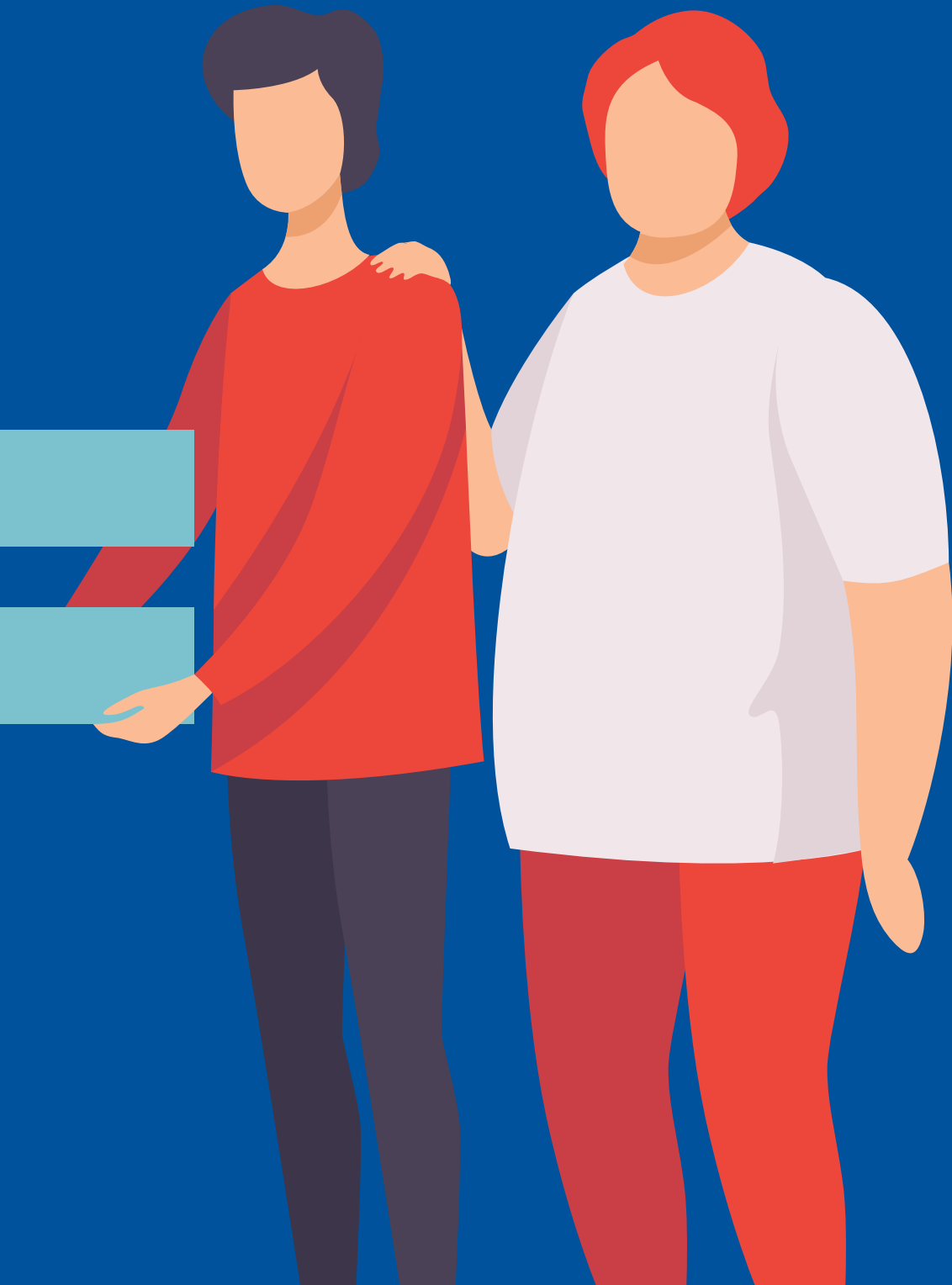
We made **an analysis** in the form of **dashboard visualization**, regarding the **Inequality of women and men** in terms of **fulfilling their life needs (work)**.

The dashboard visualization expected to **help women in finding solutions to overcome job equality**. As well as a **recommendation system** to help women find jobs that **match their qualifications**.



Project Background

The expected benefits of the project



→ Comparing the required qualifications and analyzing the causes of the gap between men and women in the world of work

→ Increasing productivity and work skills needed in today's industry and eliminating the patriarchal view that women are better off working in the informal sector.

Project Formulation

Find correlating factors that cause the low employment of women compared to men in Indonesia based on 2002-2018 employment data. At the same time providing a recommendation system for women to support their career paths based on their abilities and qualifications

**The formulations of the problem
that we raise in this project**



Tech Use

The Technology stack in this project :



Google Data Studio is used as software that helps in visualizing data. With this software, visualizations can be viewed interactively and are expected to be more easily understood by the audience.



Python is a programming language used for data processing. The dominant Python libraries supporting our processing are pandas, numpy, seaborn, textblob, and nltk.

Considerations for using the Python language because Python is a high-level programming language, which means this language is almost close to human language. Also supported by the availability of many open source libraries that help in data processing, analysis, recommendation systems or visualization.

Impact of Our Project

The benefits of our project : To Users

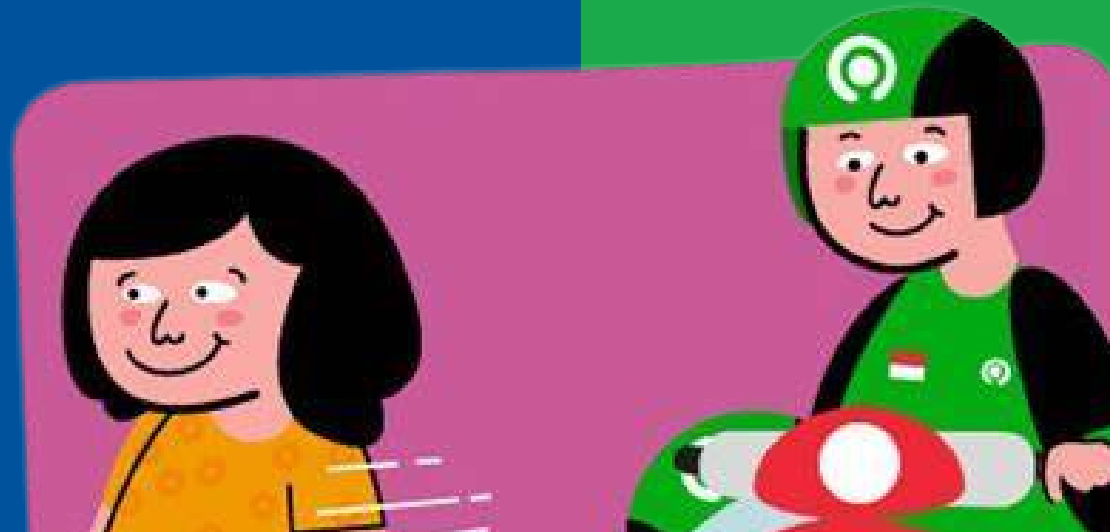
The expected benefits of the dashboard visualization will contain two things:

1. Our analysis of the gap between women and men employment in Indonesia.
2. Create a recommendation system to find minimum qualifications if you want to apply for a particular job, and find the desired job based on the skills possessed by the user.



The benefits of our project : To Us

This project teaches us about employment in Indonesia, especially on gender indicators. By completing our project "Inequality Gender Employment", we are able to analyze and give impact to society appropriately in selecting jobs that match our skills and interests. We also get the advantage to have experience and a portfolio of data analysis projects.



DEMO TIME!



DASHBOARD

Google Data
Studio :

<https://ristek.link/InequalityGenderEmployment>

Learning Takeaways

Technical Skills that we learned in This Project

- Data Preparation
- Data Cleansing
- Data Analysis
- Data Visualization
- Recommendation System

Soft Skills that we learned in This Project

- Team Work
- Time Management
- Critical Thinking
- Problem Solving



Learning Takeaways From Generasi Gigih 2.0

Technical Skills and soft skills that we learned in Generasi Gigih 2.0

- Statistics
- Data Analysis
- SQL
- Data Visualization

- Adaptability
- Time Management
- Problem Solviing



Thankyou !

