

## ABSTRACT

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### **VISUALISASI DATA PENGANGGURAN DAN KESEMPATAN KERJA PROVINSI JAWA BARAT MENGGUNAKAN MICROSOFT POWER BUSINESS INTELLIGENCE**

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West Java is the province with the highest unemployment rate in 2022 in Indonesia, at 8.13%. The increase in the labor force every year has an impact on increasing unemployment if it is not supported by available job opportunities. Looking at the condition of employment opportunities will help the government and stakeholders in identifying economic sectors that have the potential to provide wider employment and planning programs and policies that can increase people's access to employment opportunities. However, information on the condition of the open unemployment rate and employment opportunities is generally packaged in data in the form of independent tables or long texts that are difficult to interpret and less attractive. Based on these problems, the creation of a visualization dashboard aims to provide more digestible and interesting information that can be accessed by anyone through a website. The research method used in this paper is CRISP-DM (Cross-Industry Standard Process for Data Mining) which has six research phases, such as Business Understanding, Data Understanding, Data Preparation, Modeling, Evaluation, and Deployment. The tool that helps in making dashboards is Microsoft Power Business Intelligence. The results of this research are in the form of visualization dashboard output which can be accessed through [https://noviaptr.github.io/Dashboard\\_JawaBarat/](https://noviaptr.github.io/Dashboard_JawaBarat/)

Bibliography (2005-2023)