

Global Warming Indicator Dashboard

Mohammad Asrie Rafizie Mohamad Apini¹, Norfiza Ibrahim²

¹*asrie.rafi.ar@gmail.com*

²*norfiza@uitm.edu.my*

ABSTRACT

Global warming is a silent threat to the Earth, flora and fauna, and humans due to its slow effect on the global average temperature. Even though global warming has been an issue for a long time, some people do not believe that global warming is a real phenomenon or just have been ignorant toward any global warming issues. The objectives of this study are to create a dashboard and spread awareness about global warming to the public so that the public have awareness in reducing global warming by starting to take care of the environment. The research process that was used in this study has four phases which are Planning, Analysis, Development and Testing. In the Testing Phase, the participant will participate in User Acceptance Testing to gain the opinion of the dashboard's users. User Acceptance Test has collected 50 responses from 50 different participants to answer the Perceived Ease of Use (PEU), Perceived Usefulness (PU), Attitude (ATT) and Intention of Use (IU). Feedback from the participants was used to create a refinement for the Global Warming Indicator Dashboard. The result of this refinement is a much more user friendly where the user who can't understand English language can still use the Global Warming Indicator Dashboard. There are also some recommendations of the project as tips for the next researcher who want to continue this study.

Keywords: Data visualisation, Global warming, Power BI, Dashboard, Global warming awareness