

Revitalizing Solar Insights: A Dashboard for West Tennessee Solar Farm

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Motivation

- ① **Ford Plant Proximity:** Highlighting the solar farm's proximity to the new Ford plant can emphasize the importance of sustainable energy sources in modern industrial processes.
- ② **Revitalization of a Local Site:** The University of Tennessee Research Foundation's interest in revitalizing the West Tennessee Solar Farm presents an opportunity for our project to directly contribute to local economic growth.

Project Goals

- ➊ Efficient data pipeline: MySQL to Python to Google Drive CSV to R-Shiny.
- ➋ Automated Python script updates Google Drive CSV with error handling.
- ➌ Implement a R-Shiny Dashboard that encompasses all of the aforementioned functionalities.
- ➍ Inclusive webpage for diverse laptop OS users

Note: add stretch goals

List of Technologies

Technologies Continued

Verbatim is a great way of enumerating code/algorithmic ideas.

Leaflet Map of Solar Farm

Irradiance Plots

Minipages are a great way to

Line up side-by-side content.

Results

Describe any results of your work here.

Things that worked?

Things that didn't work?

Conclusions

Some bullet points here to wrap things up.

Any Questions?

Questions?

Comments?

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