

HERE COMES THE SUN

Predicting Solar Power Generation

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has been on the rise on a global scale. However, the **volatile nature** of this fuel source poses **challenges** in forecasting the power it can generate.



- Reduce unnecessary forecasting error costs
- Increase accuracy in project valuation
- Ensure power grid security, stability, and integrity



- Sourced hourly data from the **Wholesale Electric Spot Market** and **Weather Underground** from 2017 to 2019
- A **80-10-10** Train-Validation-Test split
- Used a **2-layer LSTM** with **64** and **128** nodes

