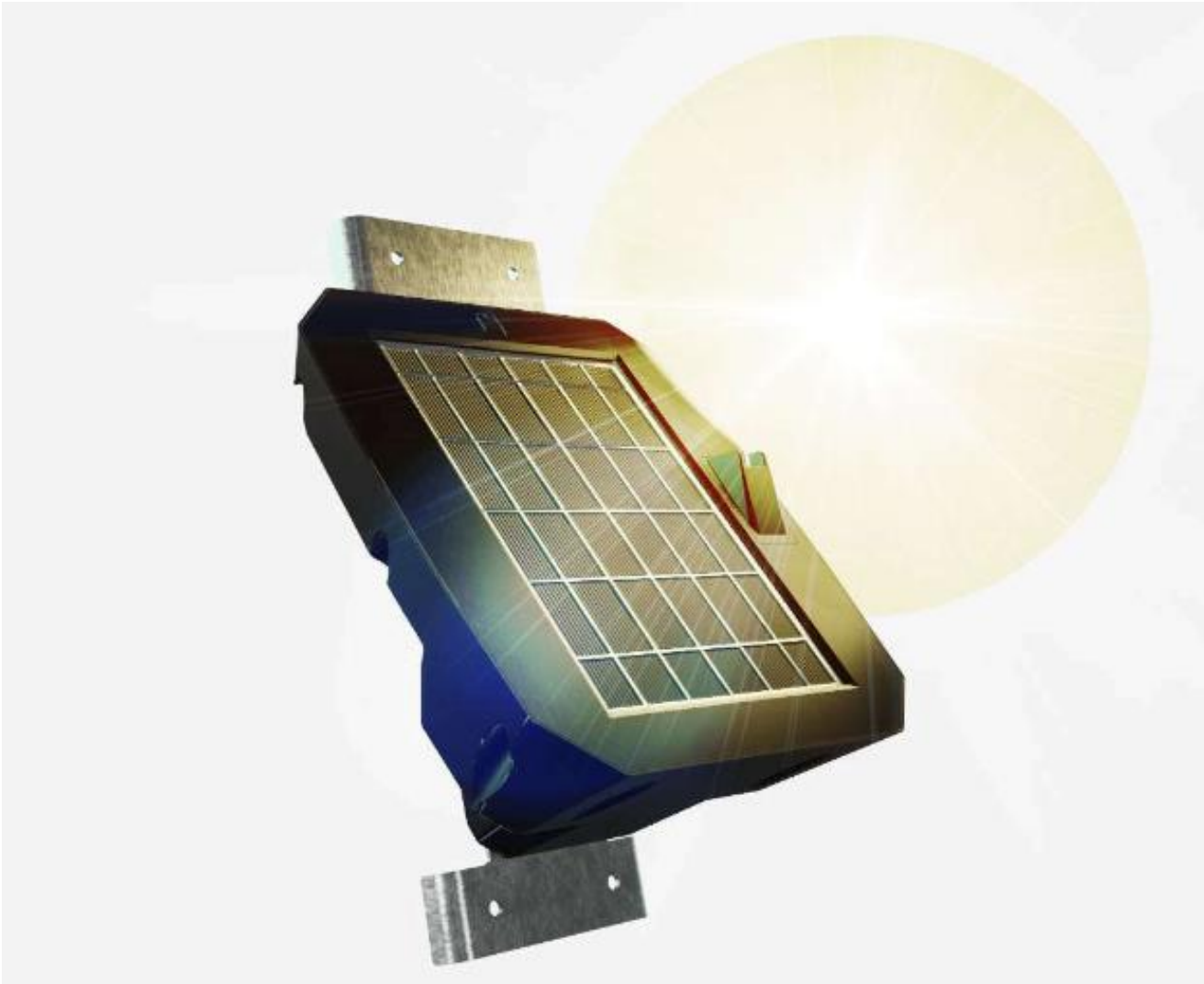


⚡ Grid Monitoring and Management with Data Analytics Using Grid-scope



Project Objective:

To analyze, visualize, and optimize grid monitoring data collected from Grid-scope sensors to improve fault detection, asset management, and operational efficiency for utility companies.

Tools and Technologies:

- **Python:** For data cleaning, preprocessing, and advanced analytics.
- **SQL:** For data storage, querying, and integration.
- **Excel:** For initial data exploration and quick analysis.