PVSyst Analysis

1. Download and Install PVSyst

- If available, install the trial version. We can create a company account if required instantly
- Explore the actual interface, menus, and features. Take relevant screenshots / videos for documentation

2. Document the Workflow

- Map out full project creation. Think of it like a story. From start to finish what all is happening :
    - Required **inputs** (location, climate data, panel specs, etc.)
    - **Assumptions** made
    - Generated **outputs** (energy yield, losses, shading reports, etc.)

3. Critically Evaluate PVSyst

Create a report (tables + commentary):

- What **climate data** does PVSyst accept? (e.g., TMY, Meteonorm, monthly averages?)
    - What is the resolution of that data
- What **climate limitations** does it have? (e.g., doesn't use real-time ERA5? Poor resolution for India?)
- Which assumptions are **hardcoded or unrealistic** for Indian sites?
- Where can we go **deeper or smarter**?

4. Find Real PVSyst Case Studies or Use-Cases

- Look for published PVSyst reports or feasibility studies for Indian projects.
    - Sample case studies might be available

- Extract insights on how developers use PVSyst, and what they wish it had
    - There are public forums or discussion pages. Go through them if you find one

5. Deliverables

- A visual diagram of the PVSyst workflow

- A table comparing **PVSyst vs Our Approach** (climate data, resolution, risk layers, synergy, etc.)
    - You can call me anytime to discuss our approach

- PDF report with screenshots, use-case notes, and your insights