**Company name**:

Cyient Ltd.

**Domain**:

Transportation / Aerospace

**Potential Engagement**:

Leverage start-up ecosystem to co-develop market-ready solutions addressing key industry challenges

**Problem area**:

In the aero industry, lot of legacy engines are still on the field, and we do have lot of 2D drawing data which are not converted in to 3D models. It is necessary to develop a tool to get the accurate 3D geometry.

**Problem Definition**:

In the aero industry, lot of legacy engines are still on the field, and we do have lot of 2D drawing data which is not converted in to 3D models. As we know engine components are having complicated geometry and the data should be capture accurately. With the current available tool in the market, it is difficult to convert the complicated 2D drawing data to the correct 3D models.

**Expected Solution:**

An AI base tool will help to read 2D drawing handmade/Images data and have ability to understand the various drawing 2D views. This extracted data should be converted into the 3D models. This tool also should convert the created 3D model to MBD model by incorporating the extracted data.

The proposed solution is expected to reduce the 3D modeling cycle time significantly.

**Commercial Expectations:**

Need to be discussed at a later stage

**Implementation timeline:**

Open for discussion