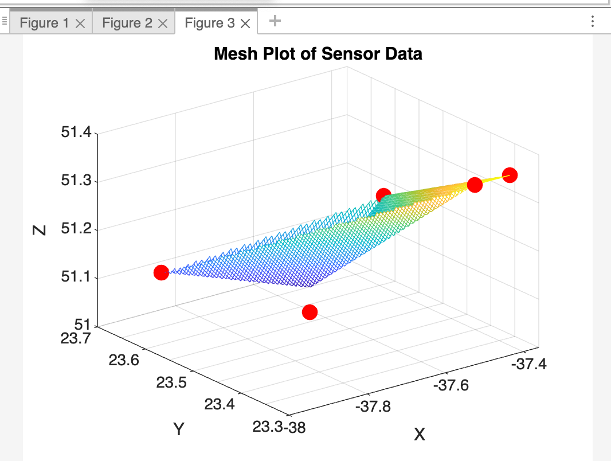
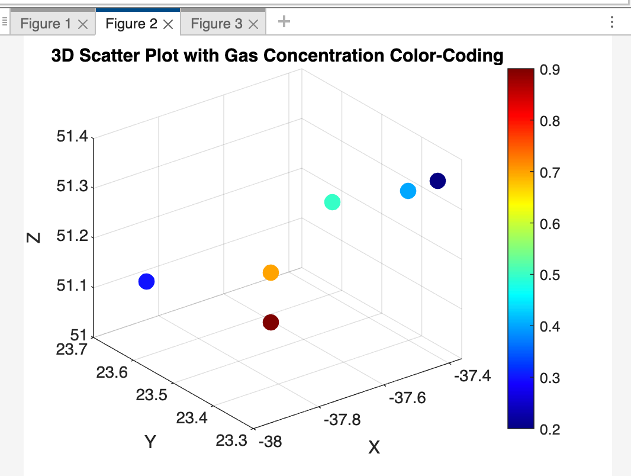
**THE 3D MAPS :**

**Mesh Plot of Sensor Data :**

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**3D Scatter Plot With Gas Concentration Color-Coding :**

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**OIL DETECTION PHOTOS:**

* **Region-Based Segmentation:**
* **No oil leak**

**A black and white image of a planet

Description automatically generated**

* **With oil leak**

**A black drop of oil on a white surface

Description automatically generated**

* **K-Means Clustering:**
* **No oil leak :**

**A blue and yellow background

Description automatically generated**

**A blue and yellow background

Description automatically generated**

* **With oil leak**

**A blue and yellow circle

Description automatically generated**

* **Thermal Imaging:**
* **No oil leak :**

**A close up of a white surface

Description automatically generated**

* **With oil leak :**

****