

# Data Science Career Track

## Problem Statement Worksheet Rubric

Criteria	Meets Expectations
Completion	<ul style="list-style-type: none"><li>● Problem Statement has been completed (and therefore the student has formed a hypothesis or hypotheses)<ul style="list-style-type: none"><li>○ Context section has been filled out</li><li>○ Success Criteria section has been completed identifying the 'end' point is for this piece of work</li><li>○ Scope of Solution Space section has been completed</li><li>○ Constraints section has been completed</li><li>○ Stakeholder Engagement section has been completed</li><li>○ Key Data Sources section has been completed with the key sources of information</li></ul></li></ul>
Process & Understanding	<ul style="list-style-type: none"><li>● Able to create a high-level SMART problem statement</li><li>● Context has been filled out with a clear reference to the financial benefit and/or strategic benefit of this business initiative</li><li>● Success Criteria has been completed identifying the 'end' point of this piece of work (i.e. The success constraints are that we are able to reduce failures to XX%)</li><li>● Scope of Solution Space has been completed indicating what the focus will be (i.e. The focus will be on manufacturing and – more specifically – identifying sources of failing sensor manufacturing, etc.)</li><li>● Stakeholder Engagement has listed all stakeholders that are to be involved</li><li>● Key Data Sources section has been completed with details about the types of columns or data sources needed.</li></ul>
Presentation	<ul style="list-style-type: none"><li>● Problem Statement Worksheet is submitted as a google doc link for mentor review.</li><li>● Problem Statement is written in clear, readable, and professional language</li></ul>