



The second part of the analysis uses a radial bar plot to examine repair costs across defect types (Structural, Functional, Cosmetic) and severity levels (Critical, Moderate, Minor). This visualization provides a unique perspective, emphasizing the proportional distribution of costs in a circular format.

The third part of the analysis employs a network graph to visualize the connections between product IDs (sub-nodes) and defect types (Structural, Functional, Cosmetic). This visualization provides a clear depiction of relationships and shared attributes among products and defect types.

The sub-nodes are color-coded based on the defect types they are connected to, using mixed colors to represent overlap between parent nodes. Red nodes: Products connected to all three defect types, highlighting their critical nature.

