Here’s an explanation of each column in this dataset, which appears to be related to industrial manufacturing, possibly predictive maintenance or machine failure analysis:

1. **UDI (Unique Device Identifier)** – A unique identifier for each manufacturing unit or process instance.
2. **Product ID** – Identifier for the specific product being manufactured.
3. **Type** – The category or type of product or machine component.
4. **Air temperature [K]** – The ambient air temperature during the manufacturing process, measured in Kelvin (K).
5. **Process temperature [K]** – The temperature inside the manufacturing process or machine, measured in Kelvin (K).
6. **Rotational speed [rpm]** – The rotational speed of the machine/tool, measured in revolutions per minute (RPM).
7. **Torque [Nm]** – The torque applied to the machine/tool, measured in Newton-meters (Nm).
8. **Tool wear [min]** – The amount of wear on the tool, measured in minutes of usage.
9. **Target** – The output variable, possibly indicating whether the process was successful or not.
10. **Failure Type** – The reason for failure in the manufacturing process (e.g., Overheating, Tool Wear, Power Failure, etc.).