**30-Day DAX Revision – Day 6 Notes**

**Date: 26/07/2025  
Topic: Practice Challenge – Classification using SWITCH(TRUE())**

**Goal**

**Apply concepts from Days 1–5 to create practical DAX expressions for data classification and dynamic messaging.**

**Main Challenge**

**Create a calculated column:**

**dax**

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**DeliveryPerformance =**

**SWITCH(**

**TRUE(),**

**'Sample - Superstore'[DayDelays] <= 2, "Perfect",**

**'Sample - Superstore'[DayDelays] <= 5, "Acceptable",**

**'Sample - Superstore'[DayDelays] <= 10, "Delayed",**

**"Critical Delay"**

**)**

**Bonus Version (with VAR + RETURN)**

**dax**

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**DeliveryPerformance =**

**VAR Delay = 'Sample - Superstore'[DayDelays]**

**RETURN**

**SWITCH(**

**TRUE(),**

**Delay <= 2, "Perfect",**

**Delay <= 5, "Acceptable",**

**Delay <= 10, "Delayed",**

**"Critical Delay"**

**)**

**Optional: Dynamic Message**

**dax**

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**DeliveryMsg =**

**VAR Delay = 'Sample - Superstore'[DayDelays]**

**RETURN**

**IF(**

**Delay <= 2,**

**"Great! On-time delivery.",**

**"Delayed by " & Delay & " days."**

**)**

**Key Takeaways**

* **SWITCH(TRUE()) makes multi-condition logic easier to read and maintain.**
* **Using VAR + RETURN increases clarity and avoids repeating code.**
* **Dynamic messages add more meaningful context to data.**