✅QUESTION:- What Is The Difference Between SWITCH () And IF() functions in POWER BI And which is Better On The Basis Of Performance ❓

✅Answer:- 📶Switch Vs IF Function📊 [#PowerBI](https://www.youtube.com/hashtag/powerbi)

🎯 The 𝐒𝐖𝐈𝐓𝐂𝐇 function in 𝐏𝐨𝐰𝐞𝐫 𝐁𝐈 provides a convenient way to evaluate an expression against a list of values and return a corresponding result expression.

➡️ The 𝐈𝐟 𝐟𝐮𝐧𝐜𝐭𝐢𝐨𝐧 in 𝐏𝐨𝐰𝐞𝐫 𝐁𝐈 allows you to evaluate a condition and return a specific value when the condition is true and a different value when the condition is false.

🎯 𝗗𝗶𝗳𝗳𝗲𝗿𝗲𝗻𝗰𝗲 𝗯𝗲𝘁𝘄𝗲𝗲𝗻 𝗜𝗙 𝗮𝗻𝗱 𝗦𝘄𝗶𝘁𝗰𝗵 𝗶𝗻 𝗣𝗼𝘄𝗲𝗿 𝗕𝗜 𝗗𝗔𝗫: ⤵️

☑️ 𝐈𝐟-𝐞𝐥𝐬𝐞 statement uses multiple statements for multiple choices.

✅ 𝐒𝐖𝐈𝐓𝐂𝐇 statement uses a single expression for multiple choices.

☑️ 𝐈𝐟-𝐞𝐥𝐬𝐞 statement evaluates 𝘪𝘯𝘵𝘦𝘨𝘦𝘳, 𝘤𝘩𝘢𝘳𝘢𝘤𝘵𝘦𝘳, 𝘣𝘰𝘰𝘭𝘦𝘢𝘯 𝘵𝘺𝘱𝘦.

✅ 𝐒𝐖𝐈𝐓𝐂𝐇 evaluates character and 𝘪𝘯𝘵𝘦𝘨𝘦𝘳 𝘷𝘢𝘭𝘶𝘦𝘴 only.

☑️ 𝐈𝐟-𝐞𝐥𝐬𝐞 statement checks a condition and returns the first value as TRUE if it matches with the condition. ✅ 𝐒𝐖𝐈𝐓𝐂𝐇 returns the Else value. But in the case of the switch statement, it returns different results depending on the value of an expression.

➡️ The 𝐈𝐟 𝐟𝐮𝐧𝐜𝐭𝐢𝐨𝐧 in 𝐏𝐨𝐰𝐞𝐫 𝐁𝐈 allows you to evaluate a condition and return a specific value when the condition is true and a different value when the condition is false. The 𝐈𝐟 𝐟𝐮𝐧𝐜𝐭𝐢𝐨𝐧 is useful for handling one or two conditions, but as the number of conditions increases, nesting them becomes necessary. This 𝒏𝒆𝒔𝒕𝒊𝒏𝒈 of IF statements not only hampers readability, especially with an increased number of conditions, but it also reduces performance.

➡️ This is where the 𝐒𝐖𝐈𝐓𝐂𝐇 function offers a superior approach for expressing multiple conditions.





