Power BI DAX Measures Cheat Sheet (Offline)

Basic Measures

Total Sales = SUM(Sales[Amount])

Total Revenue = SUM(Orders[Revenue])

Total Profit = SUM(Orders[Revenue]) - SUM(Orders[Cost])

Average Sales = AVERAGE(Sales[Amount])

Employee Count = COUNT(Employee[ID])

Unique Products = DISTINCTCOUNT(Products[ProductName])

Date-based Measures

Sales This Year = CALCULATE(SUM(Sales[Amount]), YEAR(Sales[Date]) = YEAR(TODAY()))

Monthly Sales = CALCULATE(SUM(Sales[Amount]), MONTH(Sales[Date]) = MONTH(TODAY()))

YTD Sales = TOTALYTD(SUM(Sales[Amount]), Sales[Date])

Ratios and Percentages

Profit Margin = DIVIDE([Total Profit], SUM(Sales[Revenue]), 0)

Pass Percentage = DIVIDE(CALCULATE(COUNT(Students[ID]), Students[Marks] >= 35), COUNT(Students[ID]), 0)

Conversion Rate = DIVIDE(SUM(Visitors[Converted]), SUM(Visitors[Total]), 0)

Conditional Logic

High Value Sales = CALCULATE([Total Sales], Sales[Amount] > 1000)

Performance Grade = SWITCH(TRUE(),

  Students[Marks] >= 90, "A+",

  Students[Marks] >= 80, "A",

  Students[Marks] >= 70, "B",

  Students[Marks] >= 60, "C",

  "Fail")

Power BI DAX Measures Cheat Sheet (Offline)

Inventory Example

Stock Available = SUM(Inventory[In Stock]) - SUM(Inventory[Out Stock])

Low Stock Alert = IF([Stock Available] < 50, "Reorder", "OK")

HR Analytics

Attrition Rate = DIVIDE(COUNT(Employee[Resigned]), COUNT(Employee[Employee ID]), 0)

Gender Ratio = DIVIDE(COUNTROWS(FILTER(Employee, Employee[Gender] = "Female")), COUNT(Employee[Employee ID]), 0)