|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **BI Tools** | **Tableau** | **Power BI** | **Amazon Quicksight** | **GCP Studio** | **IBM Cognos Analytics** |
| **Calculated filed Syntax/Example** | **IF** [Profit per Day] > 000 **THEN** "Highly Profitable" **ELSEIF** [Profit per Day] <= 0 **THEN** "Unprofitable" **ELSE** "Profitable" **END** | Price Group =  IF(  'Product'[List Price] < 500,  "Low",  "High"  )  Data Analysis Expression (DAX) language: | ifelse(salesTotal >= 0 AND salesTotal < 500, 'Group 1', salesTotal >= 500 AND salesTotal < 1000, 'Group 2', 'Group 3') | IF(DATETIME\_DIFF(TODAY(),Date,DAY) > 60, "old","new") | if ("Net Income" <100000) then  ("Gross Profit"\*1.25) else  NULL |