**FILTERS**

**ITEM #1: WHAT ARE POWER BI FILTERS?**

FILTERS ARE CONDITIONS DEFINED ON THE DATA LOADED INTO POWER BI.

USED FOR CONDITIONAL REPORTING AND SLICING OF DATA IN THE VISUALIZATIONS.

EX: LOAD DATA FOR ALL COUNTRIES INTO PBIX, REPORT ONLY FOR INDIA COUNTRY.

**ITEM #2: WHAT ARE THE LEVELS (SCOPE) OF FILTERS?**

**1. VISUAL FILTERS** : CONDITIONS DEFINED ON VISUALIZATIONS (TABLE, MAP, ETC..).

**2. PAGE FILTERS** : CONDITIONS ON ALL VISUALIZATIONS IN THE CURRENT PAGE.

**3. REPORT FILTERS** : CONDITIONS ON ALL PAGES IN THE CURRENT REPORT.

**4. DRILL THRU FILTERS** : USED FOR PAGE TO PAGE NAVIGATIONS USING **DRILL-THRU** **ACTIONS**.

**ITEM #3: WHAT ARE THE FILTER IMPLEMENTATION STYLES (Filtering Value Types)?**

**STYLE 1: BASIC FILTER** : USED TO FILTER DATA BASED ON EXISTING VALUES FROM FIELDS

**STYLE 2: ADVANCED** : USED TO DEFINE LOGICAL CONDITIONS ON FIELD VALUES

**STYLE 3: TOP N** : USED TO FILTER BASED ON "N" NUMBER OF FIELD VALUES IN **VISUALS**

**ITEM #5: HOW TO IMPLEMENT FILTERS?**

LAUNCH POWER BI > GET DATA > CSV > SALES DATA SOURCE > LOAD.

IN PAGE 1: SELECT TREEMAP VISUAL > COUNTRY, SALES. SET FORMAT OPTIONS.

SELECT TABLE > COUNTRY, COMPANY, MONTH, SALES

IN PAGE 2: SELECT FUNNEL VISUAL > COUNTRY, SALES

SELECT MATRIX VISUAL > COUNTRY, COMPANY, MONTH, SALES

i. VISUAL FILTER : FROM PAGE 1: SELECT TABLE VISUAL > FILTER PANE >

COUNTRY : SELECT INDIA > TEST FILTER. CLEAR FILTER.

ii. PAGE FILTER : FROM PAGE 1: CLICK OUTSIDE THE VISUALS > FILTER PANE >

FILTERS ON THIS PAGE : DRAG & DROP COUNTRY FROM FIELDS PANE SELECT INDIA > TEST FILTER ON PAGE 1. CLEAR FILTER.

iii. REPORT FILTER: FROM PAGE 1: CLICK OUTSIDE THE VISUALS > FILTER PANE >

FILTERS ON ALL PAGES : DRAG & DROP COUNTRY FROM FIELDS SELECT INDIA > TEST FILTER ON PAGE 1, PAGE 2. CLEAR FILTER.

iv. DRILL-THRU FILTER: **PAGE 3**: TABLE VISUAL > SELECT ALL COLUMNS

CLICK OUTSIDE THE VISUAL > DRILL THRU FILTER > **MONTH**

WE SEE ONE BUTTON AUTOMATICALLY IN THE PAGE.

WE USE THIS BUTTON TO NAVIGATE BACK TO DRILLED PAGE.

**PAGE 4**: TREEMAP VISUAL. SELECT **MONTH** & SALES VALUES.

RIGHT CLICK **MONTH** DATA POINT > **DRILLTHRU** > PAGE 3

TESTING FILTER STYLES:

i. BASIC STYLE : DEFAULT STYLE. LISTS ALL UNIQUE VALUES OF A GIVEN FIELD.

SELECT ONE OR MORE VALUES FROM THE GIVEN LIST.

FROM PAGE1 : SELECT TABLE VISUAL > FILTERS PANE >

EXPAND MONTH > FILTER TYPE : BASIC FILTERING

WE SEE **LIST** OF ALL MONTHS.

ii. ADVANCED : USED TO DEFINE LOGICAL CONDITIONS ON COLUMNS

BETWEEN, CONTAINS, NOT LIKE, ETC..

FROM PAGE1 : SELECT TABLE VISUAL > FILTERS PANE >

EXPAND MONTH > FILTER TYPE : ADVANCED FILTERING

SPECIFY ONE OR MORE CONDITIONS > APPLY FILTER

iii. TOP N : USED TO REPORT THE TOP (HIGHEST) VALUE FIELDS.

SELECT THE REQUIRED VISUAL > FILTER TYPE : TOP n >

SHOW ITEMS : SPECIFY NUMBER OF ROWS (EX: 1) >

BY VALUE : SALE 2016 > APPLY FILTER.

NOTE: Top N Filter is applicable for Visual Filters only.

UI BASED FILTER OPTIONS:

1. RIGHT CLICK ANY DATA POINT > EXCLUDE. THIS HIDES THE DATA POINT IN THE VISUAL.

2. RIGHT CLICK ANY DATA POINT > INCLUDE. THIS HIDES THE REMAINING DATA POINTS IN THE VISUAL.

3. SELECT REQUIRED (FEW) DATA POINTS . RIGHT CLICK > GROUP. THIS FORMS A NEW GROUP (SET) FOR THE SELECTED DATA POINTS. OTEHR DATA POINTS ARE GROUPS AS "OTHER"