**1 2 Mock**

**Q1. WHAT ARE THE TWO MAIN WAYS TO "GET" DATA INTO POWER BI?**

GET DATA, ENTER DATA

**Q2. WHAT IS A VISUAL?**

A REPORT SHAPE IN POWER BI

**Q3. WHAT IS A FIELD IN POWER BI? WHAT ARE YOUR OBSERVATIONS ON FIELDS WHEN YOU LOAD DATA INTO POWER BI?**

A DATA SOURCE COLUMN IS CALLED "FIELD". THE DATA TYPES ARE AUTO DETECTED.

NUMERICAL DATA IS AUTO AGGREGATED. DEFAULT AGGRETATION IS SUM.

**Q4. HOW TO VERIFY DATA IN POWER BI?**

USING "DATA" BUTTON @ LEFT SIDE VERTICAL BAR OF POWER BI DESKTOP.

**Q5. HOW TO VERIFY RELATIONS IN POWER BI?**

USING "MODEL" BUTTON @ LEFT SIDE VERTICAL BAR OF POWER BI DESKTOP.

**Q6. WHAT IS POWER BI CANVAS?**

THE WHITE SPACE LEFT TO VISUALIZATIONS PANE FOR ACTUAL REPORT PREVIEW AND DRILLDOWNS.

**Q7. WHAT IS DATAPOINT?**

EACH DISSECTION OR COLORED BOX IN THE VISUAL.

**Q8. HOW TO EXPORT DATA FROM A VISUAL?**

SELECT VISUAL >> TOP / BOTOM ... > SHOW DATA AS TABLE

**Q9. HOW TO MODIFY THE TEXT SIZE IN A TABLE VISUAL?**

USING GRID PROPERTIES.

**Q10. HOW MANY TOOLS ARE INVOLVED IN POWER BI ECO SYSTEM? PURPOSE OF EACH?**

6 TOOLS FOR REPORT DESIGN

1 TOOL FOR DATA REFRESH.

**2 4 Mock**

**Q1. HOW DO YOU IDENTIFY IF A REPORT IS INTERACTIVE REPORT?**

HOVER THE MOUSE ON ANY DATA POINT, WE SEE TOOLTIP.

CLICK ON ANY DATA POINT WE SEE HIGHLIGHT & VISUAL INTERACTIONS.

**Q2. YOU WERE GIVEN DATA IN AN EXCEL FORMAT. YOU LAUNCHED POWER BI APP AND LOADED DATA.**

**THEN YOU NEED TO DESIGN A BASIC REPORT WITH A TABLE AND TREEMAP VISUALS.**

**WHAT ARE THE PRE-REQUISTES TO REPORT DATA IN A TREEMAP VISUAL?**

WE NEED TO SEE WHETHER ALL FIELDS ARE DETECTED FOR CORRECT DATA TYPE.

WE NEED TO VERIFY IF THE METADATA (AND DATA) IS LOADED INTO THE POWER BI DESKTOP TOO: IN-MEMORY DATABASE.

**Q3. WHEN TO USE PBIX?** FOR SMALL, HISTORICAL DATA SOURCES

**WHEN TO USE PBIT?**  FOR LIVE, BIG DATA SOURCES

**Q4. WHERE DO YOU VERIFY THE LOADED DATA SOURCE 'S METADATA IN POWER BI?**

IN THE "DATA" BUTTON TO TH LEFT OF THE CANVAS.

**Q5. HOW TO ENSURE PROPER / UPDATED AGGREGATIONS IN POWER BI REPORT?**

ENSURE CORRECT DATA TYPES

ENSURE YOU SELECT RELEVANT / RELATED FIELDS BASED ON WHICH AGGREGATIONS ARE AUTO GENERATED.

**Q6. WHAT IS THE DEFAULT VISUALIZATION IN POWER BI VISUALS? HOW DO YOU CHANGE IT?**

FOR REGULAR FIELDS: **TABLE**

FOR GEOGRAPHICAL FIELDS: **MAP**

**3 2 Mock**

**Q1. WHAT IS A VISUAL IN POWER BI?**

A GRAPHICAL REPRESENTATION OF DATA.

**Q2. ON WHAT BASIS ONE VISUAL INTERACTS WITH ANOTHER VISUAL IN POWER BI?**

BASED ON THE FIELD USED IN THE VISUAL.

**Q3. WHAT IS VISUAL INTERACTION?**

A PROPERTY USING WHICH THE SELECTION OR HIGHLIGHT OF A DATA POINT IN ONE VISUAL WILL AUTO FILTER OTHER VISUALS IN THE SAME REPORT PAGE.

**Q4. WHERE DO YOU CONTROL VISUAL INTERACTION PROPERTY?**

FROM FILE MENU @ TOP > FORMAT RIBBON > EDIT INTERACTIONS BUTTON

**Q5. HOW TO HIDE A POWER BI PAGE?**

RIGHT CLICK PAGE > HIDE

**Q6. WHAT IS FOCUS MODE?**

THIS OPTION IS USED TO ZOOM A PIRTICULAR VISUAL.

**Q7. WHAT IS SPOTLIGHT?**

THIS OPTION IS USED TO DISABLE OR HIDE OTHER VISUALS IN THE REPORT.

**Q9. HOW TO EXPORT CONTENTS OF A VISUAL TO CSV FILE?**

CLICK @ ... ON TOP RIGHT OF THE VISUAL > EXPORT

**Q10. HOW TO EXPORT CONTENTS OF A POWER BI REPORT TO PDF FILE?**

FILE MENU > EXPORT > EXPORT TO PDF.

**3 4 Mock**

**Q1. WHAT IS VISUAL SYNC?**

A PROPERTY USING WHICH SELECTION OF VALUE IN ONE SLICER IN THE CURRENT PAGE WILL AUTO FILTER THE DATA IN OTHER PAGES.

**Q2. HOW TO IMPLEMENT VISUAL SYNC?**

RIGHT CLICK SLICER VISUAL > COPY VISUAL > PASTE IT TO NEW PAGE. ENABLE SYNC.

**Q3. IN WHAT CONDITIONS SLICER VISUAL SUPPORT VISUAL SYNC?**

IF WE COPY PASTE THE VISUAL TO ANOTHER PAGE

**Q4. DOES TABLE VISUAL SUPPORT VISUAL SYNC?**

NO

**Q5. WHAT ARE THE LIMITATIONS OF A SLICER?**

CAN BE DYANMIC.

**Q6. HOW TO DISABLE A SLICER?**

FILE MENU > FORMAT > EDIT INTERACTIONS

**Q7. HOW TO CLEAR OR REMOVE FILTERS (CONDITIONS) IN A SLICER?**

SELECT OR HIGHLIGHT SLICER > CLICK @ "CLEAR FILTER" BUTTON ON TOP RIGHT OF SLICER.

**Q8. WHAT ARE THE ORIENTATION PROPERTIES OF A SLICER?**

VERTICAL & HORIZONTAL

**Q9. WHAT ARE THE ITEM PROPERTIES OF A SLICER?**

SIZE, COLOR, BACKGROUND

**Q10. DOES TREEMAP VISUAL SUPPORT VISUAL SYNC ?**

NO

**Q11. IN WHAT CASES SLICER DOES NOT SUPPORT VISUAL SYNC ?**

IF WE COPY PASTE THE SLICER DATA IN THE SAME PAGE

**Q12. IF ANY EMPTY VALUES EXIST IN SOURCE DATA, HOW SLICER TREATS OR REPORTS THIS EMPTY VALUES?**

BLANK VALUES

**Q13. IF ANY EMPTY VALUES EXIST IN SOURCE DATA, HOW TREEMAP TREATS OR REPORTS THIS EMPTY VALUES?**

NO VALUE, SO NO AGGREGATIONS.

**Q1. FROM YOUR OBSERVATIONS:**

**WILL TABLE VISUAL SUPPORT "SYNC" FEATURE? IF NOT WHY? IF SO, HOW?**

NO. IT WILL NOT.

REASON : TABLE VISUAL DOES NOT "FILTER" ANY DATA BY ITSELF. SO VISUAL SYNC IS NOT APPLICABLE.

**Q2. FROM YOUR OBSERVATIONS:**

**HOW TO HIDE A PAGE?**

**RIGHT CLICK PAGE > HIDE**

**Q4. LIST ALL DIFFERENCES BETWEEN "VISUAL INTERACTION" AND SLICER VISUAL ?**

|  |  |
| --- | --- |
| **VISUAL INTERACTIONS** | **SLICER** |
| OPERATES AT INDIVIDUAL VISUAL LEVEL | OPERATES AT COMPLETE PAGE LEVEL |
| DOES NOT SUPPORT SYNC FEATURE | SUPPORTS SYNC FEATURE |
| CONFINED TO DATA POINTS ONLY | SUPPORTS RANGE, DROP-DOWN, MULTISELECT.  SELECT ALL, LIST |
| NO CLEAR FILTER OPTIONS | CLEAR FILTER OPTION AVAILABLE |

**Q5. HOW SLICER AND VISUAL SYNC IS MORE ADVANTAGEOUS THAN VISUAL INTERACTION ?**

SLICER AND VISUAL SYNC SUPPORTS MULTI-PAGE FILTERS.

THEY INCLUDE RANGE BASED SEARCH.

**4 2 Mock**

**Q1. WHAT ARE THE LIMITATIONS OF GROUPING?**

Grouping is applicable for Static Values.

**Q2. WHAT ARE THE POSSIBLE GROUP TYPES FOR CHARACTER DATA?**

Groups

**Q3. WHAT ARE THE POSSIBLE GROUP TYPES FOR NON CHARACTER DATA?**

Groups, Bins

**Q4. HOW TO VERIFY THE GROUPED DATA?**

Use a Table Visual. Include the Grouped Column. Compare Values with DATA Button available towards right side of the Power BI Canvas.

**Q5. HOW TO FIND A GROUPED FIELD?**

We see a "GROUP" or "WINDOW" Symbol towards left side of the Grouped Field in Fields List.

**Q6. HOW TO EDIT A GROUPED FIELD?**

Right Click Grouped Field > Edit Field.

**Q7. HOW TO COMBINE INDEPENDANT DRILLDOWNS AND DEPENDANT DRILL-DOWNS. EXPLAIN WITH AN EXAMPLE ?**

**Try this once again from your session notes and let me know asap.**

**Q8. HOW TO COMBINE INDEPENDANT DRILLDOWNS AND DEPENDANT DRILL-DOWNS IN DRILL- THRU MODE. EXPLAIN WITH AN EXAMPLE ?**

**Try this once again from your session notes and let me know asap.**

**Q9. CAN WE APPLY SLICER IN THE DRILL-DOWN REPORTS?**

Yes

**Q10. IN WHAT CASES VISUAL INTERACTION WILL NEVER WORK ?**

When working with Drill-Thru Filters.

**4 4 Mock**

**Q1. WHAT IS HIERARCHY?**

HIERARCHIES ARE **ORDERED** COLLECTION OF REPORT FIELDS.

USED FOR EASY DATA ACCESS BY END USERS. AVOIDS DRAG n DROP OF MULTIPLE FIELDS.

**Q2. HOW TO IMPLEMENT HIERARCHY?**

STEP 1: RIGHT CLICK THE FIRST LEVEL FIELD (EX: COUNTRY) > NEW HIERARCHY

STEP 2: RIGHT CLICK EACH OF THE OTHER COLUMNS (COMPANY, MONTH)> ADD TO HIERARCHY.

**Q3. IN WHAT REAL-TIME SCENARIOS YOU NEED HIERARCHICES?**

HIERARCHIES ARE USED FOR EASY DATA ACCESS BY END USERS. AVOIDS DRAG n DROP OF MULTIPLE FIELDS.

EXAMPLE 1: YEAR WISE, QUARTER WISE, MONTH WISE, DAY WISE SALES

EXAMPLE 2: COUNTRY WISE, STATE WISE, CITY WISE SALES

**Q4. CAN WE PERFORM DRILL-DOWN REPORTS WITHOUT HIERARCHIES? IF YES, THEN IN WHICH CASES**?

YES. POSSIBLE IF A VISUAL HAS MORE THAN ONE GROUP FIELDS. EX: TREEMAP

**Q5. WHAT IS DRILL-UP AND DRILL-DOWN?**

DRILL UP: TO NAVIGATE TO PREVIOUS LEVEL OF THE HIERARCHY

DRILL DOWN: TO NAVIGATE TO NEXT LEVEL OF THE HIERARCHY

**Q6. WHAT ARE THE POSSIBLE DRILL-DOWN ACTIONS?**

2ND ARROW : FILTERED DRILL DOWN BASED ON CLICK @ DATA POINT

3RD ARROW : INDEPEDENT, ISOLATED DRILLDOWN

4TH ARROW : DEPENDANT, COMBINED DRILLDOWN

**Q7. HOW TO CONDITIONALLY PERFORM DRILLDOWN REPORTS?**

SELECT TREEMAP VISUAL FROM THE CANVAS > CLICK @ 2ND ARROW MARK.

THEN, CLICK ON ANY ONE COUNTRY (INDIA) DATA POINT. THIS WILL BE A FILTER FOR NEXT LEVEL DATA (MEANS: COMPANY SALES IN INDIA).

THEN, CLICK ON ANY ONE COMPANY (SQL SCHOOL) DATA POINT. THIS WILL BE A FILTER FOR

NEXT LEVEL DATA (MEANS: MONTHLY SALES FOR SQL SCHOOL IN INDIA).

**Q8. WHAT ARE THE TYPES OF DRILL-DOWNS?**

2ND ARROW : FILTERED DRILL DOWN BASED ON CLICK @ DATA POINT

3RD ARROW : INDEPEDENT, ISOLATED DRILLDOWN

4TH ARROW : DEPENDANT, COMBINED DRILLDOWN

**Q9. YOU ARE GIVEN COUNTRY WISE, COMPANY WISE, MONTH WISE, SALES DATA.**

**YOU ARE ASKED TO DRILL DOWN TO A SPECIFIC COUNTRY : INDIA, SPECIFIC COMPANY SQL SCHOOL BUT NEED ALL MONTHS SALES DATA. HOW DO YOU ACCOMPLISH THIS TASK?**

STEP 1: INCLUDE A TREEMAP VISUAL WITH HIERARCHY AND SALES SUMMARY VALUE/

STEP 2: CLICK @ 2ND ARROW MARK > CLICK @ INDIA

STEP 3: CLICK @ 3RDD ARROW MARK TO FILTER FOR ALL / REQUIRED COMPANIES AND MONTHS

**Q10. WHAT ARE THE LIMTIATIONS OF HIERARCHIES IN POWER BI?**

WE CANNOT HAVE DYNAMIC HIERARCHIES OR DYNAMIC FIELDS IN THE HIERARCHY.

**5 2 Mock**

**Q1. WHAT ARE THE TYPES 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**.

**Q2. WHAT ARE THE FILTER STYLES APPLICABLE ON PAGE FILTERS?**

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

**STYLE 2: ADVANCED**: USED TO DEFINE LOGICAL CONDITIONS & DYNAMIC VALUES.

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

**Q3. WHAT ARE THE LIMITATIONS OF "TOP N" FILTER STYLE?**

THEY CANNOT BE DYNAMIC

THEY ARE APPLICABLE FOR VISUAL FILTERS

**Q4. IF YOU HAVE BOTH VISUAL FILTERS AND PAGE FILTERS IN A REPORT PAGE, THEN WHICH FILTER TAKES MORE PRIORITY?**

VISUAL FILTERS

**Q5. WHAT ARE THE LIMITATIONS OF ADDVANCED FILTERS?**

**WE CANNOT DEFINE CASCADING CONDITIONS AND COMPOSITE CONDITIONS**

**EX: SALES BETWEEN 1 AND 10 OR SALES BETWEEN 20 AND 30**

**WE CANNOT DEFINE CONDITIONS ON MORE THAN ONE FIELD AT A TIME**

**EX: SALES BETWEEN 1 AND 10 AND TAX BETWEEN 20 AND 30**

**5 4 Mock**

**Q1. WHAT ARE BOOKMARKS IN POWER BI?**

**BOOKMARKS** ARE ADDITIONAL OPTIONS AVAILABLE IN POWER BI DESKTOP.

**PURPOSE**: USED TO PERFORM PAGE TO PAGE NAVIGATIONS WITHIN A REPORT.

**Q2. WHAT ARE STEPS TO IMPLEMENT BOOKMARKS?**

STEP 1: DEFINE A PAGE

STEP 2: DEFINE BOOKMARK ON THE PAGE

STEP 3: INCLUDE A BUTTON IN ANY OTHER PAGE, DEFINE ACTION TO THE ABOVE BOOKMARK

**Q3. WHAT ARE ACTIONS IN POWER BI?**

THESE ARE ATTRIBUTES DEFINED ON A BUTTON OR IMAGE

TO NAVIGATE TO A SPECIFIC WEBSITE OR BOOKMARK

**Q4. HOW TO USE BUTTONS IN POWER BI?**

STEP 1: INCLUDE A BUTTON IN POWER BI PAGE

STEP 2: DEFINE ACTION ON THIS BUTTON

STEP 3: TEST THE BUTTON IN DEV ENVIRONMENT USING CTRL + CLICK

TEST THE BUTTON IN PROD ENVIRONMENT USING CLICK

**Q5. HOW TO USE IMAGES IN POWER BI ?**

STEP 1: INSERT AN IMAGE IN POWER BI PAGE

STEP 2: DEFINE ACTION ON THIS IMAGE

STEP 3: TEST THE IMAGE IN DEV ENVIRONMENT USING CTRL + CLICK

TEST THE IMAGE IN PROD ENVIRONMENT USING CLICK

**6 2 Mock**

Q1. IN WHICH SCENARIOS YOU NEED "MODELLING" RIBBON / TAB IN POWER BI? AN EXAMPLE CASE.

TO FORMAT THE DATA

WHEN WE INSERT DATA FROM PRODUCTS TABLE, THE QUARTERS DATA IS AUTO SUMMARIZED. SO WE USED MODELLING TAB TO SET "DONT SUMMARIZE"

Q2. GIVE ATLEAST 5 EXAMPLES ON MODELLING?

RELATIONSHIPS

FORMATTS

SORTING

SUMMARY CONTROL

CATEGORY

Q3. WHAT IS TABLE BAR? HOW TO PRODUCT VISUALIZATIONS WITH TABLE BAR?

USED TO DEFINE AN HORIZONTAL BAR IN TABLE VISUAL

Q4. WHAT ARE THE DIFFERENCES BETWEEN TABLE REPORT AND CHART REPORT?

TABLE REPORT IS USED TO DISPLAY ORIGINAL DATA FROM THE SOURCE

CHART VISUALS ARE USED TO DISPLAY AGGREGATED DATA FROM SOURCE.

Q5. WHAT IS DIVERGENT PROPERTY?

TO GIVE DYNAMIC COLORS TO TABLES AND MTRIX.

USING DIVERGENT COLORS, WE CAN SET ONE COLOR FOR MINIMUM VALUE.

ONE FOR MAX VALUE AND 3RD COLOR FOR ANY VALUE IN BETWEEN.

Q6. WHICH VISUAL SUPPORTS SENTIMENT COLORS?

WATERFALL VISUAL

Q7. WHICH VISUAL SUPPORTS DATA POINTS FOR 100% COMPARISIONS OR PERCENTAGE CALCULATIONS?

100% STACKED BAR AND STACKED COLUMNS

Q8. WHAT IS CONDITIONAL FORMATTING? HOW TO IMPLEMENT THIS IN POWER BI?

USING KPI.

DEFINE GOAL LAND VALUE THRESHOLDS. GOAL IS THE CONDITION FOR VALUE.

Q9. WHAT IS ANALYTICS PROPERTY? WHY IT IS NOT APPLICABLE ON TABLE REPORTS?

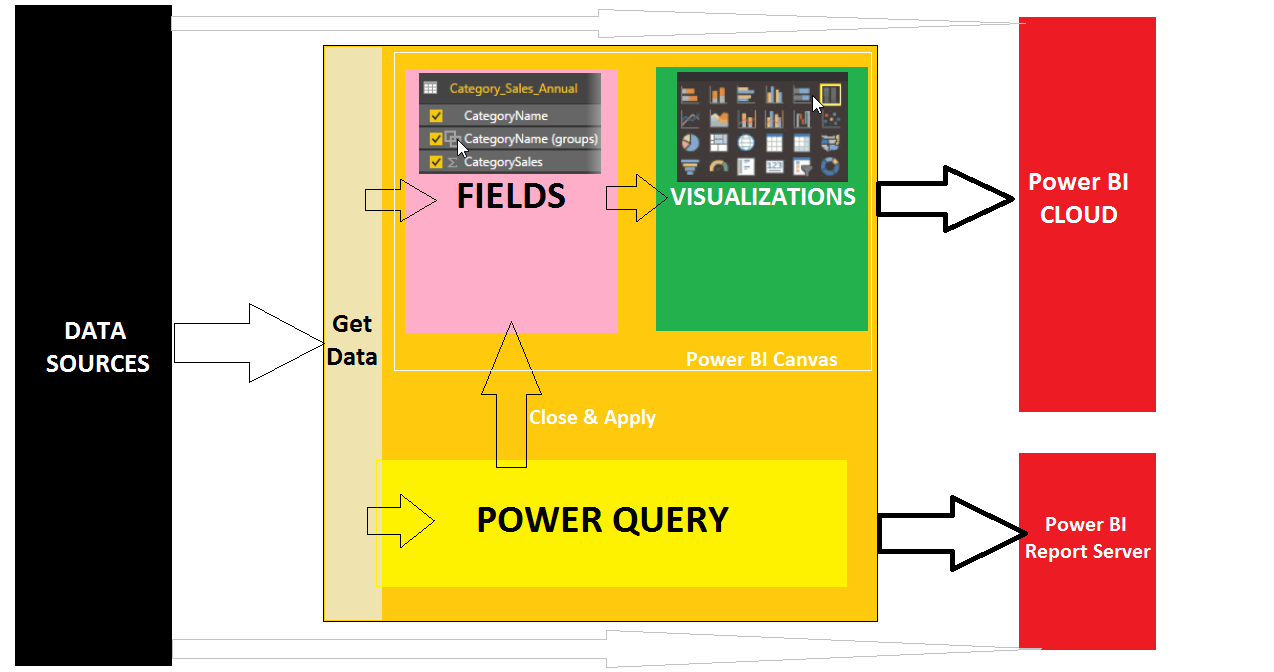
ANALYTICAL PROPERTY IS USED TO VERIFY THE STATUS OF A VALUE BASED ON A GIVEN SET OF GOALS. WE CAN FIND IF THE VALUE IS ABOVE THE GOAL OR BELOW THE GOAL.

TABLES DOES NOT REPORT ANY AGGREGATIONS. HENCE WE CANOT USE THIS PROPERTY

**7 2 Mock**

**Q1. EXPLAIN POWER QUERY ARCHITECTURE?**

**Power Query** is a platform to READ (Extract), OPERATE (Transform) and LOAD any data into Power BI. Using Power Query we can perform Union, Merge, Sort, Search, Pivot, Group By, Replace, Filter, etc...



**OPERATIONS WE CAN PEFORM USING POWER QUERY**

**OPERATION 1: "GET DATA" [STATIC or DYNAMIC]**

**OPERATION 2: TRANSFORMATIONS [Operations, Calculations]**

**OPERATION 3: LOAD DATA INTO POWER BI CANVAS FOR REPORTING**

**TYPES OF QUERIES IN POWER QUERY**

|  |  |  |  |
| --- | --- | --- | --- |
| **1** | **TABLE QUERIES** | **4** | **RECORD QUERIES [JSON]** |
| **2** | **LIST QUERIES** | **5** | **PARAMETER QUERIES** |
| **3** | **FUNCTION QUERIES** |  |  |

**DATA TYPES FOR ABOVE VALUES IN POWER QUERY**

|  |  |  |
| --- | --- | --- |
|  |  |  |
| Decimal Number | Date and Time | Text |
| Fixed Decimal Number | Date | True / False |
| Whole Number | Time | Binary |
| Percentage | Date / Time / TimeZone | **Any** [default data type] |

**Q2. WHAT ARE THE DIFFERENT WAYS TO CONDITIONALLY ACCESS DATA IN POWER BI ?**

By Using Parameters

By Using Conditions in queries if the data source is a Database

**Q3. WHAT ARE THE TEXT TRANSFORMTIONS?**

PROPER; SPLIT; FORMAT; MERGE; EXTRACT; PARSE; UPPERCASE;

**Q4. WHAT ARE THE TABLE TRANSFORMATIONS?**

COMBINE; GROUP BY; TRANSPOSE; REVERSE ROWS; COUNT ROWS;

**Q5. HOW TO PIVOT MORE THAN ONE SUMMARY VALUE?**

It is not possible directly. Instead, we need to pivot one column at a time.

Finally APPEND all the resulting pivoted queries into one.

**8 2 Mock**

**Q1. WHAT ARE PARAMETERS IN POWER QUERY?**

THESE ARE INPUT VALUES SUPPLIED AT DATA SOURCE FOR EASY ACCESS OF BIG DATA WITH GIVEN CONDITIONS.

**Q2. WHY DO WE NEED PARAMETERS?**

FOR FILTERED ACCESS TO BIG DATA SOURCES.

FOR FASTER POWER QUERY TRANSFORMATIONS

**Q3. HOW PARAMETERS ARE DIFFERENT FROM POWER BI FILTERS?**

**PARAMETERS** ARE USED TO CONDITIONALLY **EXTRACT** REQUIRED DATA FROM THE SOURCE.

**FILTERS** ARE USED TO LIMIT THE DATA REPORTED IN THE POWER BI **VISUALS**.

**Q4. IN WHICH CASES YOU NEED TO CONVERT LIST QUERY TO TABLE QUERY?**

FOR PERFORM TABLE TRANSFORMATIONS ON LIST DATA.

**Q5. IN WHICH CASES YOU NEED TO CONVERT TABLE QUERY TO LIST QUERY?**

FOR GENERATING AUTOMATED DROPDOWN OF PARAMETERS.

**Q6. WHAT IS PIVOT?**

A MECHANISM TO IDENTIFY UNIQUE VALUES OF A COLUMN, GNERATE NEW COLUMNS WITH AGGREGATE VALUES.

**Q7. WHAT IS THE RELATION BETWEEN PIVOT AND GROUP BY?**

PIVOT = GROUP BY + AGGREGATE + TRANSPOSE + PROMOTE HEADER

**Q8. HOW TO INSERT A STEP?**

SELECT EXISTING STEP > PERFORM NEW TRANSFORMATION

**Q9. HOW TO EDIT A STEP?**

SELECT THE STEP @ SETTINGS PANE > CLICK @ CIRCLE > PERFORM EDITS > OK

**8 Mock**

Task 1: How to Pivot the same above Sales Data and report Monthly Sales for 2015, 2016 & 2017? 2017

DUPLICATE SOURCE DATASET

PIVOT 2015

DUPLICATE SOURCE DATASET

PIVOT 2016

DUPLICATE SOURCE DATASET

PIVOT 2017

FINALY, COMBINE (APPEND) ABOVE THREE RESULTS

Task 2: What is the relation between Group By and Pivot?

Your answer would be in this format:

Pivot = Group By + AGGREGATE + PROMOTE HEADER + TRANSPOSE

Task 3: What are the pre-conditions or precautions to consider when working with PIVOT ?

1. No Duplicates

2. Only one Aggregate Field

3. Only one Pivot Field

Summary test

1: HOW TO CREATE APP WORKSPACE?

LOGIN POWER BI CLOUD > LEFT: WORKSPACES > CLICK @ DEFAULT WORKS SPACE > NEW WORKSPACE

2: HOW TO PUBLISH REPORTS INTO APP WORKSPACE?

OPTION 1: FROM POWER BI DESKTOP > OPEN THE REPORT > PUBLISH > SELECT WORKSPACE > SAVE

OPTION 2: FROM POWER BI CLOUD > CLICK @ WORKSPACE > UPLOAD THE REPORT

3: HOW TO VERIFY REPORTS INSIDE APP WORKSPACE?

FROM POWER BI CLOUD > CLICK @ WORKSPACE > CLICK @ REPORT > TEST REFRESH

4: HOW TO VERIFY DATASETS INSIDE APP WORKSPACE?

FROM POWER BI CLOUD > CLICK @ WORKSPACE > CLICK @ DATASET > CREATE NEW REPORT

5: HOW TO EDIT REPORTS INSIDE APP WORKSPACE?

FROM POWER BI CLOUD > CLICK @ WORKSPACE > CLICK @ REPORT > EDIT > PERFORM CHANGES > SAVE.

6: HOW TO CREATE REPORTS INSIDE APP WORKSPACE?

FROM POWER BI CLOUD > CLICK @ WORKSPACE > CLICK @ DATASET > CREATE NEW REPORT

7: HOW TO CREATE DASHBOARD APP WORKSPACE?

FROM POWER BI CLOUD > CLICK @ WORKSPACE > NEW DASHBOARDS

8: HOW TO PIN VISUALS INTO DASHBOARD?

FROM POWER BI CLOUD > CLICK @ WORKSPACE > CLICK @ REPORT > SELECT VISUAL > PIN.

FROM POWER BI CLOUD > CLICK @ WORKSPACE > CLICK @ REPORT > INSIGHTS > PIN.

FROM POWER BI CLOUD > CLICK @ WORKSPACE > CLICK @ DASHBOARD > Q & A > GENERATE VISUAL > PIN.

FROM POWER BI CLOUD > CLICK @ WORKSPACE > CLICK @ DASHBOARD > METRICS > SELECT VISUAL > PIN.

9: HOW TO PIN LIVE PAGE INTO DASHBOARD?

FROM POWER BI CLOUD > CLICK @ WORKSPACE > CLICK @ REPORT > SELECT PAGE > PIN LIVE PAGE

10: HOW TO PERFORM Q & A IN DASHBOARD?

FROM POWER BI CLOUD > CLICK @ WORKSPACE > CLICK @ DASHBOARD > Q & A > GENERATE VISUAL > PIN.

11: HOW TO PIN VISUALS FROM Q & A IN DASHBOARD?

FROM POWER BI CLOUD > CLICK @ WORKSPACE > CLICK @ DASHBOARD > Q & A > GENERATE VISUAL > PIN.

12: HOW TO ADD IMAGE TILES IN DASHBOARD?

FROM POWER BI CLOUD > CLICK @ WORKSPACE > CLICK @ DASHBOARD > ADD IMAGE > SPECIFY LOCATION, ACTION

13: HOW TO ADD VIDEO TILES IN DASHBOARD?

FROM POWER BI CLOUD > CLICK @ WORKSPACE > CLICK @ DASHBOARD > ADD VIDEO > SPECIFY LOCATION, ACTION

14: HOW TO EDIT TILES IN DASHBOARD?

FROM POWER BI CLOUD > CLICK @ WORKSPACE > CLICK @ DASHBOARD > CLICK @ TOP RIGHT CORNER : EDIT

15: HOW TO REMOVE TILES IN DASHBOARD?

FROM POWER BI CLOUD > CLICK @ WORKSPACE > CLICK @ DASHBOARD > CLICK @ TOP RIGHT CORNER : DELETE

16: HOW TO ADD STREAMING DATASET IN APP WORKSPACE?

FROM POWER BI CLOUD > CLICK @ WORKSPACE > NEW STREAMING DATASET

OR

FROM POWER BI CLOUD > CLICK @ WORKSPACE > CLICK @ DASHBOARD > ADD TILE > REALTIME

DATA > NEW STREAMING DATASET.

17: HOW TO USE STREAMING DATASET IN APP WORKSPACE?

FROM POWER BI CLOUD > CLICK @ WORKSPACE > CLICK @ DASHBOARD > ADD TILE > REALTIME DATA > USE ABOVE STREAMING DATASET.

18: HOW TO CREATE REST API TILES IN DASHBOARD?

FROM POWER BI CLOUD > CLICK @ WORKSPACE > CLICK @ DASHBOARD > ADD TILE > REALTIME

DATA > USE ABOVE STREAMING DATASET.

SPECIFY AXIS AND VALUE.

19: HOW TO IMPORT NEW FILES IN APP WORKSPACE?

FROM POWER BI CLOUD > CLICK @ WORKSPACE > UPLOAD > IMPORT.

20: HOW TO UPLOAD NEW FILES IN APP WORKSPACE?

FROM POWER BI CLOUD > CLICK @ WORKSPACE > UPLOAD > UPLOAD.

21: WHAT IS A SECTION?

AN ENTITY IN POWER BI CLOUD THAT IS USED TO GROUP DASHBAORDS AND REPORTS FOR ESY END USER ACCESS WITHIN POWER BI APP.

22: WHAT IS LINEAGE?

AN ENTITY IN POWER BI CLOUD THAT IS USED TO IDENTIFY THE DEPENDANCIES BETWEEN DASHBAORDS, REPORTS AND DATASETS.

23: WHAT ARE DIFFERENT WAYS TO VERIFY THE LINEAGE?

REPORT ACTIONS

DASHBOARD ACTIONS

DATASET ACTIONS

24: WHAT ARE DIFFERENT WAYS TO SHARE THE REPORTS?

REPORT SHARE

REPORT SUBSCRIBE

USING POWER BI APP

25: WHAT ARE DIFFERENT WAYS TO SHARE THE DASHBOARDS?

DASHBOARD SHARE

DASHBOARD SUBSCRIBE

USING POWER BI APP