**ASSIGNMENT-2**

**QUESTION:**

Objective – Power BI Desktop, Cloud Service and End to End Workflow Use Case – Design dashboard with basic set of visualizations Source – Sky Transport Analytics – Develop a dashboard to show top level brief overview of Sky Transport Report/Dashboard – Transport Data • KPIs for Total Miles, Revenue, Cost • Revenue Vs Miles by Shipping State • Revenue Vs Miles by Shipping City • Total Trips Vs Trips by Trip Types • % of Trips by Shipping State • Revenue Miles vs Total Miles Save this Power BI file with the name Trip Analysis Result - At the end you will have a idea about KPIs, Tables.

**STEPS:**

**Open Power BI Desktop**

* Launch **Power BI Desktop** → Click **File > New**.

**2. Load the Excel Workbook**

* Go to **Home > Get Data > Excel**.
* Browse to the **Sky Transport Excel file** → Click **Load**.
* The data from the Excel file will now appear in the **Fields Pane**.

**3. Hide Unnecessary Columns**

* In the **Fields Pane**, locate:
  + **Category ID**
  + **Origin State**
* Right-click each → Select **Hide in Report View**.  
  (They’ll still be in the model but won’t appear in visuals.)

**4. Create the Table Visualization**

* On the **Report View** (canvas), go to **Visualizations Pane** → Select **Table**.
* Drag fields into the **Values area**:
  + **Customer Name**
  + **Revenue**
  + **Total Miles**
  + **Trip Type**

**5. Summarize Revenue & Total Miles**

* Still on the canvas, add a **Card Visual** (or KPI).
* Drag **Revenue** into one card (it will auto-summarize → sum).
* Drag **Total Miles** into another card.  
  (You’ll now have total revenue and total miles displayed separately.)

**6. Format the Report**

* Adjust column formatting:
  + Right-click **Revenue column** → Format as **Currency**.
  + **Total Miles** → Format as **Decimal / Whole Number**.
* Resize visuals so it looks neat (table in center, cards above/below).

**7. Save the File**

* Go to **File > Save As**.
* Save the report with the name: **SkyData.pbix**.

**DASHBOARD:**

