

Created the workspace:

The screenshot shows the Microsoft Fabric workspace interface. On the left, there's a sidebar with icons for Home, Workspaces, Copilot, OneLake catalog, Monitor, Real-Time, Workloads, Department (which is selected), and My workspace. The main area displays a table of items under the 'Department' category. The columns include Name, Status, Type, Task, Owner, Refreshed, Next refresh, Endorsement, Sensitivity, and Included in app. The table contains the following data:

Name	Status	Type	Task	Owner	Refreshed	Next refresh	Endorsement	Sensitivity	Included in app
Department		Semantic model	—	Department	08/01/2026, 17:3...	N/A	—	—	
Department		Lakehouse	—	Eswar KARTHI...	—	—	—	—	
Department		SQL analytics ...	—	Eswar KARTHI...	—	—	—	—	
Department	🕒	Dataflow Gen...	—	Eswar KARTHI...	08/01/2026, 17:39...	—	—	—	
department		Pipeline	—	Eswar KARTHI...	—	—	—	—	
Department_project		Report	—	Department	08/01/2026, 17:24...	—	—	—	No
Department_project		Semantic model	—	Department	08/01/2026, 17:2...	08/01/2026, 18:2...	—	—	
Department_warehouse		Warehouse	—	Eswar KARTHI...	—	—	—	—	

Created a Lakehouse and Dumped raw csv files:

The screenshot shows the Microsoft Fabric workspace interface, specifically the OneLake catalog section. The sidebar shows the 'Department' workspace is selected. The main area has a 'Home' tab and a 'Get data' section. Below that is an 'Explorer' pane showing a tree structure: Department > Department > Files. Under 'Files', there are several CSV files listed:

Name	Date modified	Type	Size
Head_Shots.csv	1/8/2026, 8:50:05 AM	csv	748 B
completed_projects.csv	1/8/2026, 8:50:04 AM	csv	301 B
departments.csv	1/8/2026, 8:50:04 AM	csv	450 B
employees.csv	1/8/2026, 8:50:05 AM	csv	883 B
project_assignments.csv	1/8/2026, 8:50:05 AM	csv	148 B
projects.csv	1/8/2026, 8:50:05 AM	csv	627 B
upcoming_projects.csv	1/8/2026, 8:50:05 AM	csv	491 B

Created Dataflow Gen2 did all data transformation and loaded to Data Warehouse

The screenshot shows the Microsoft Power Query Editor interface. The top navigation bar includes 'Fabric', 'department', 'Department', 'Power BI trial: 30 days left', and various icons. The main area displays a query titled 'Head_Shots' with 8 steps. The steps show a transformation named 'Table.TransformColumnTypes' with the following configuration:

```
#"Promoted headers": {"Employee_ID": Int64.Type}, {"Head_Shot": type text}
```

The data source is 'Head_Shot' and the destination is 'Employee_ID'. The preview pane shows 10 rows of data, each containing an Employee ID and a URL for a headshot image.

On the right side, there are sections for 'Query settings' (Name: Head_Shots) and 'Applied steps' (listing 'Navigation 1', 'Navigation 2', 'Navigation 3', 'Imported C...', 'Promoted ...', and 'Changed c...'). Below these is a 'Data destination' section with a 'Warehouse' icon.

At the bottom, status information indicates 'Completed (2.61 s)' and 'Rows: 10'.

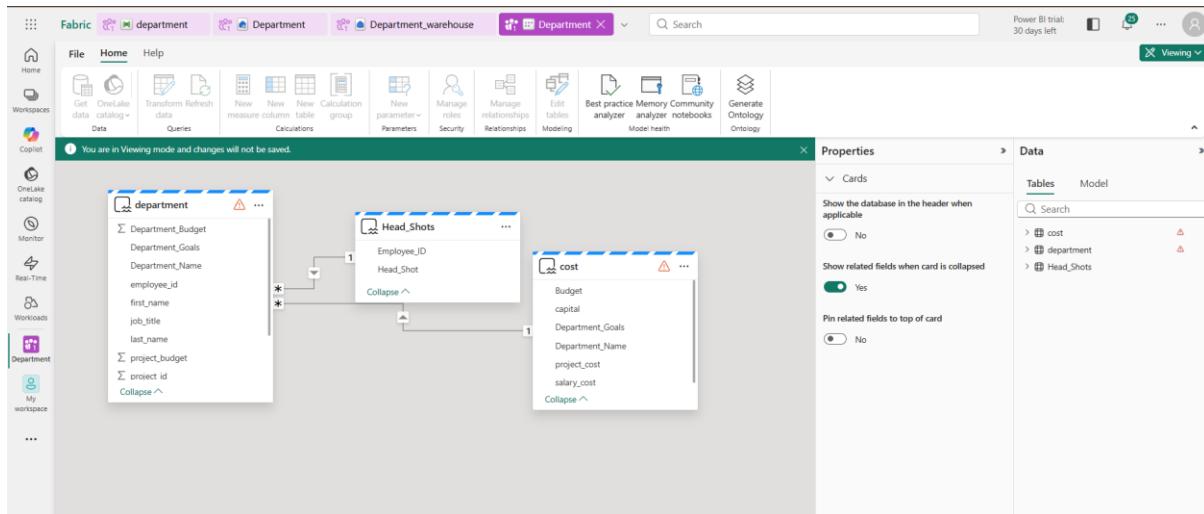
Created the views form the tables in Data warehouse

The screenshot shows the Microsoft Fabric Explorer interface. The top navigation bar includes 'Fabric', 'department', 'Department', 'Power BI trial: 30 days left', and various icons. The left sidebar shows 'Workspaces' and 'Department' sections. The main area is titled 'Explorer' and shows the 'Department_warehouse' database structure:

- + Warehouses
- Department_warehouse
 - Schemas
 - dbo
 - Tables
 - completed_projects
 - departments
 - employees
 - Head_Shots
 - project_assignments
 - projects
 - upcoming_projects
 - Views
 - cost
 - department
 - Functions
 - Stored Procedures

A large circular placeholder icon is in the center. Below it, a message reads 'Query, model, or preview your data' with the sub-instruction 'You can use this editor to query, preview, or model your data for analysis. Start with a new query.' A 'New SQL query' button is at the bottom.

Created a semantic model from Data Warehouse using views and tables:



Created a report with live connection to the semantic model:

The screenshot shows a Power BI report titled 'PROJECT OVERVIEW'. On the left, there's a card for 'Employee_ID 1001' displaying a photo of Liam Brown, his name, job title ('Software Engineer'), department ('Engineering'), and salary ('\$2.72M'). Below this are two donut charts: 'Project Distribution' and 'Budget Distribution'. The 'Project Distribution' chart shows capital allocation across four categories. The 'Budget Distribution' chart shows budget allocation across five departments. Below the charts is a table with columns: Department_Name, Department_Goals, project_cost, salary_cost, Budget, and capital. At the bottom, there are two bar charts: 'Project Budget' and 'project Budget', showing budget allocated to various projects and departments.

Department_Name	Department_Goals	project_cost	salary_cost	Budget	capital
Sales	Boost sales	2400000	2672000	\$19,200,000	
Engineering	Develop new products	1760000	2560000	\$38,400,000	
Human Resources	Enhance employee engagement	1680000	2560000	\$12,800,000	(\$400,000)
IT	Improve IT infrastructure	1440000	2416000	\$14,400,000	\$928,000.0
Marketing	Increase brand awareness	1840000	2528000	\$25,600,000	
Total		9120000	12736000	\$110,400,000	\$20,608,000.0

Created a Pipeline activity to refresh the semantic mode to have latest data.

