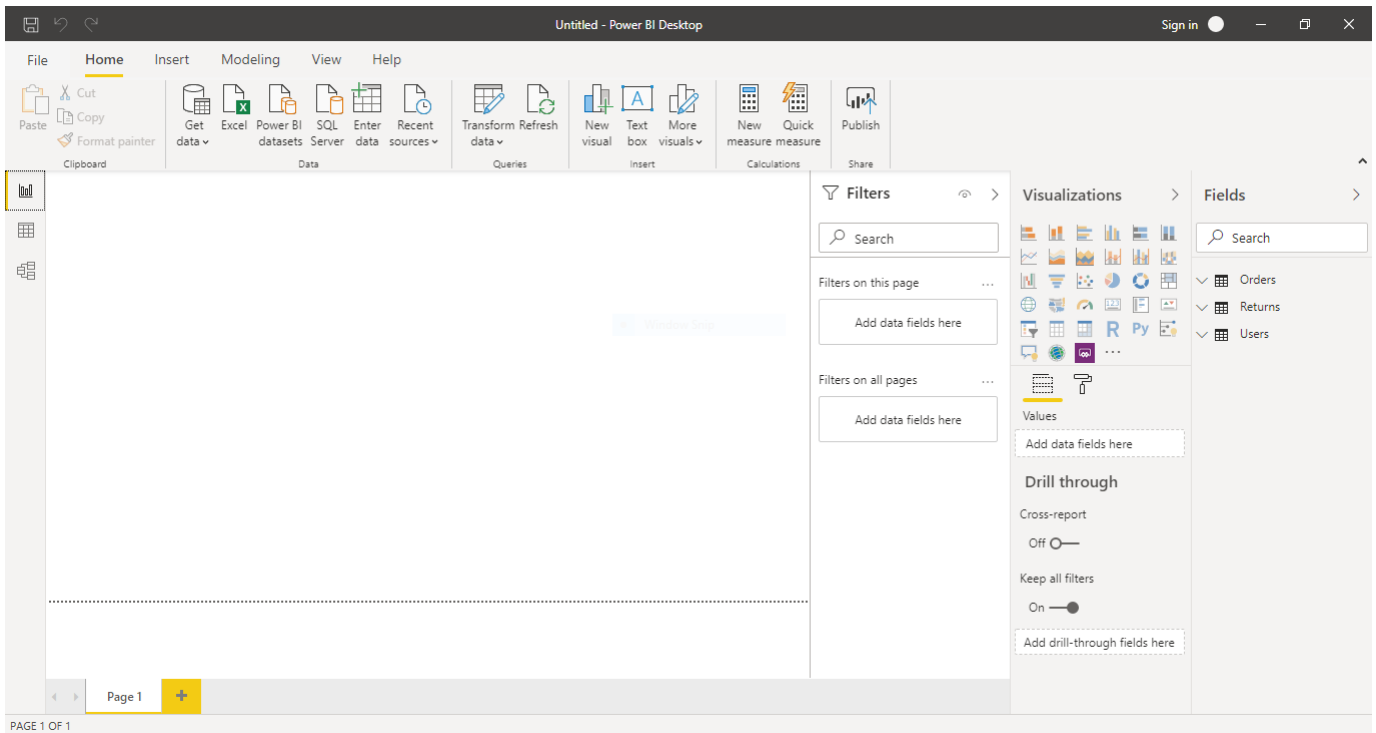


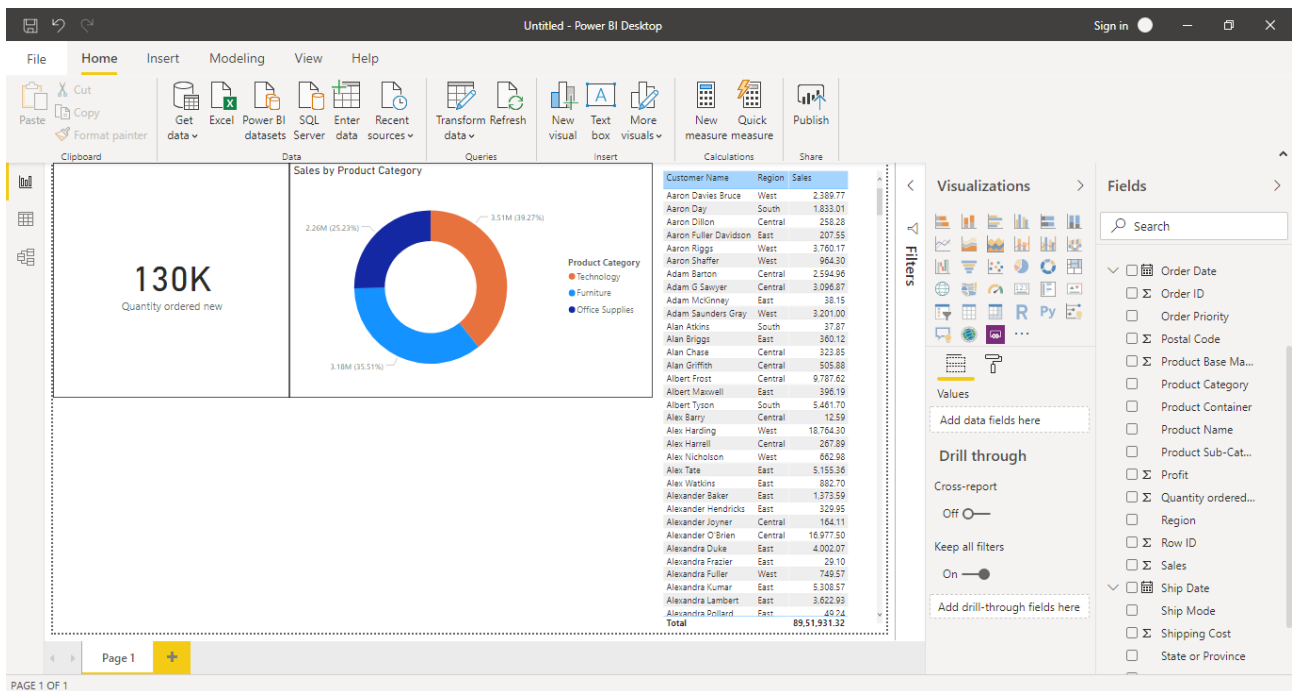
Assignment - 1

1. Install Power BI Desktop and share the final screenshot of the report view page which appears when power desktop starts.



2. Prepare a document and with the following screenshot – Report View – Data View – Model View – Power Query Editor – Advance Editor

Report View

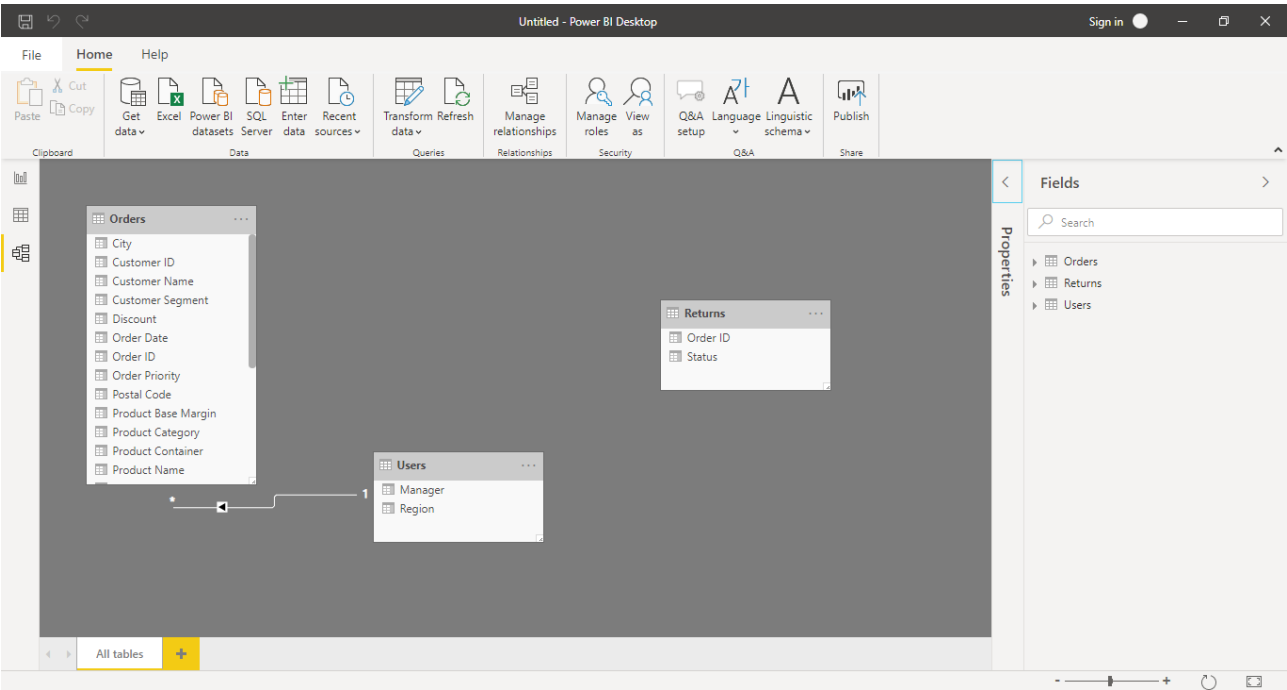


Data View

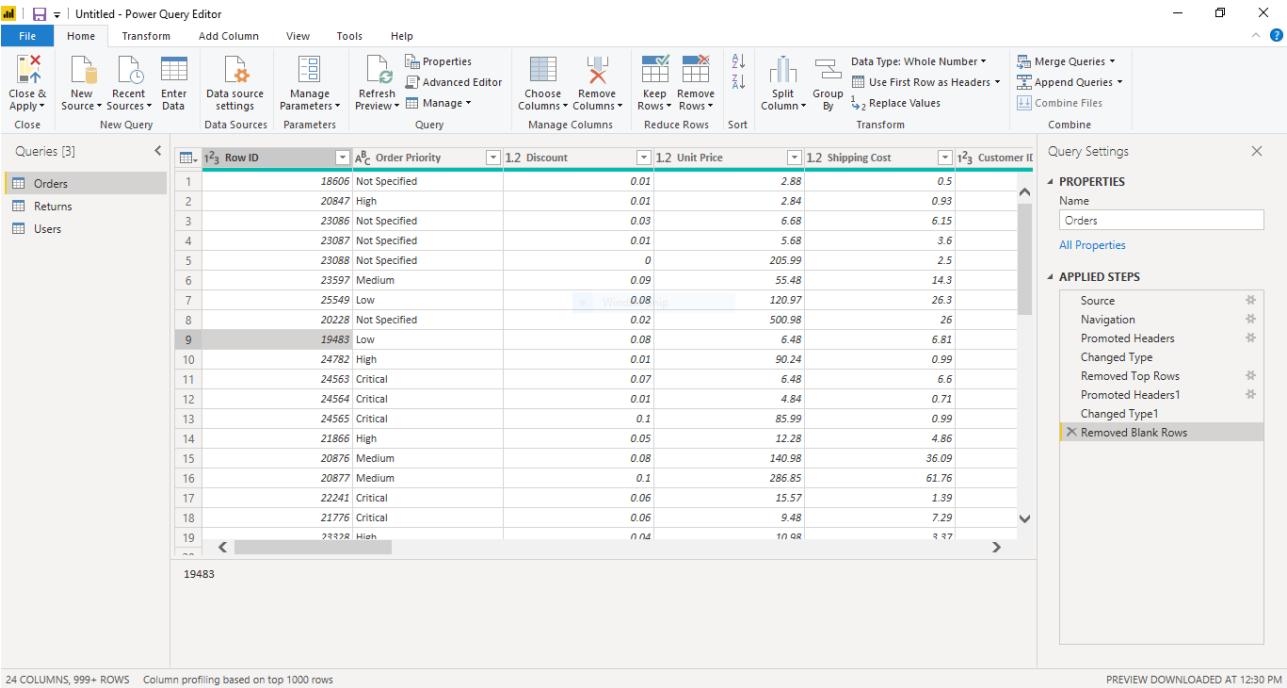
The screenshot shows the Power BI Desktop interface in Data View. The main area displays a table of orders. The table has columns for Row ID, Order Priority, Discount, Unit Price, Shipping Cost, Customer ID, Customer Name, Ship Mode, Customer Segment, Product Category, Product Sub-Category, and Product Name. The table contains 9,426 rows of data.

Row ID	Order Priority	Discount	Unit Price	Shipping Cost	Customer ID	Customer Name	Ship Mode	Customer Segment	Product Category	Product Sub-Category	Product Name
20334	Low	0.04	6.48	5.74	119	Judy Kennedy	Regular Air	Corporate	Office Supplies	Paper	Sma
18129	Low	0.02	6.48	5.9	119	Judy Kennedy	Regular Air	Corporate	Office Supplies	Paper	Sma
24273	Not Specified	0.02	6.48	9.17	194	Tammy Goldman	Regular Air	Corporate	Office Supplies	Paper	Sma
18904	High	0.06	6.48	6.74	247	Marshall Brandt Briggs	Regular Air	Corporate	Office Supplies	Paper	Sma
19823	Medium	0.08	6.48	7.03	266	Ross Frederick	Regular Air	Corporate	Office Supplies	Paper	Sma
24425	Low	0.06	6.48	7.86	300	Larry W Lehman	Regular Air	Corporate	Office Supplies	Paper	Sma
24864	Medium	0.01	6.48	7.49	358	Chris F Brandt	Regular Air	Corporate	Office Supplies	Paper	Sma
24662	Low	0.08	6.48	7.91	500	Brenda Cowan	Regular Air	Corporate	Office Supplies	Paper	Sma
18593	High	0	6.48	7.86	533	Jamie Dixon	Regular Air	Corporate	Office Supplies	Paper	Sma
20281	Medium	0.05	6.48	6.57	537	Nelson Coley	Regular Air	Corporate	Office Supplies	Paper	Sma
21274	Medium	0.06	6.48	7.37	600	Vickie Morse	Regular Air	Corporate	Office Supplies	Paper	Sma
113	Not Specified	0.08	6.48	5.14	607	Clara Hauser	Regular Air	Corporate	Office Supplies	Paper	Sma
6575	Medium	0.1	6.48	9.17	607	Clara Hauser	Regular Air	Corporate	Office Supplies	Paper	Sma
18113	Not Specified	0.08	6.48	5.14	608	Daniel Jones	Regular Air	Corporate	Office Supplies	Paper	Sma
24575	Medium	0.1	6.48	9.17	609	Shawn Adler	Regular Air	Corporate	Office Supplies	Paper	Sma
23207	Low	0.1	6.48	9.54	680	Laurence Poe	Regular Air	Corporate	Office Supplies	Paper	Sma
23208	Low	0.02	6.48	5.19	680	Laurence Poe	Regular Air	Corporate	Office Supplies	Paper	Sma
22735	Low	0	6.48	8.19	719	Stephen Lam	Regular Air	Corporate	Office Supplies	Paper	Sma
24851	Low	0.09	6.48	6.86	797	Eileen Riddle	Regular Air	Corporate	Office Supplies	Paper	Sma
24763	Critical	0.06	6.48	8.88	868	Sharon Ellis	Regular Air	Corporate	Office Supplies	Paper	Sma
2055	Critical	0.02	6.48	6.41	894	Gail Rankin Cole	Regular Air	Corporate	Office Supplies	Paper	Sma
7955	High	0.09	6.48	7.03	894	Gail Rankin Cole	Regular Air	Corporate	Office Supplies	Paper	Sma

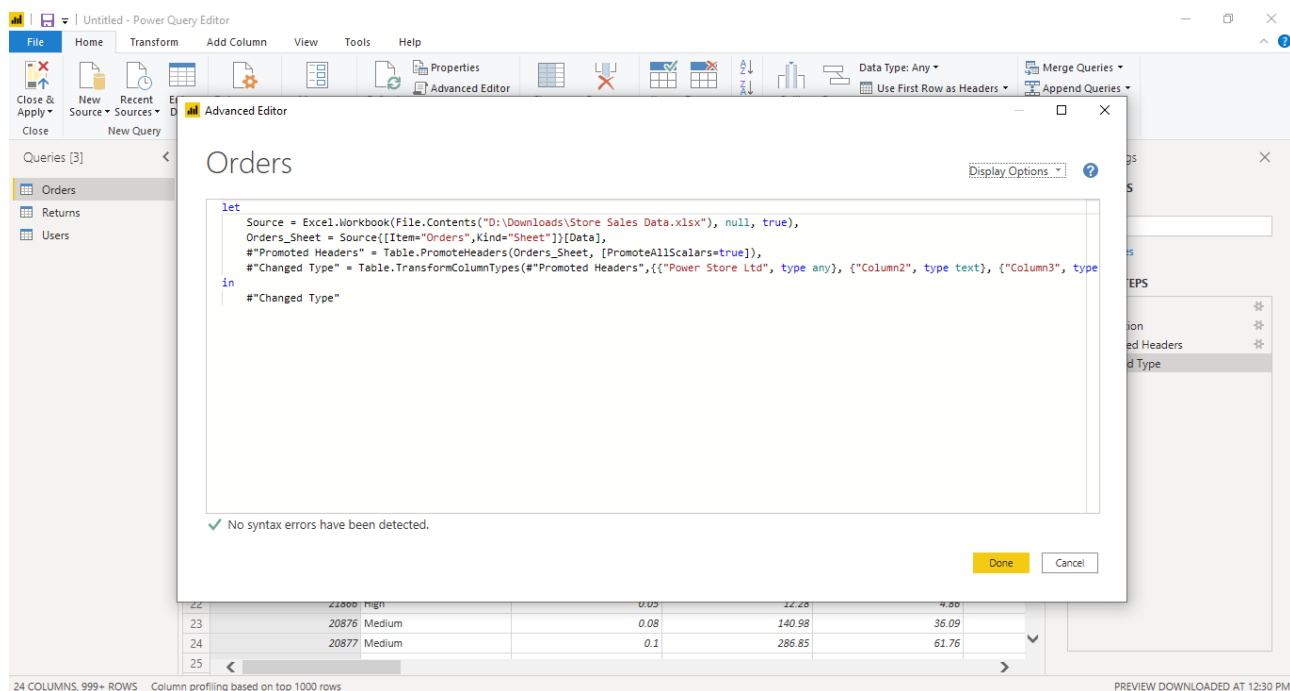
Model View



Power Query Editor



Advanced Editor



3. Prepare a document with details of the following along with their price – Power BI Desktop – Power BI Pro – Power BI Premium

Power BI Desktop:

Connect to your data, wherever it is

Access data from hundreds of supported on-premises and cloud-based sources, such as Dynamics 365, Sales force, Azure SQL DB, Excel, and Share Point. Ensure it's always up to date with automated, incremental refreshes. Power BI Desktop enables you to develop deep, actionable insights for a broad range of scenarios.

Prep and model your data with ease

Save time and make data prep easier with data modelling tools. Reclaim hours in your day using the self-service Power Query experience familiar to millions of Excel users. Ingest, transform, integrate, and enrich data in Power BI.

Provide advanced analytics with the familiarity of Office

Dig deeper into data and find patterns you may have otherwise missed that lead to actionable insights. Use features like quick measures, grouping, forecasting, and clustering. Give advanced users full control over their model using powerful DAX formula language. If you're familiar with Office, you'll feel at home in Power BI.

Deepen your data insights with AI-driven augmented analytics

Explore your data, automatically find patterns, understand what your data means, and predict future outcomes to drive business results. The new AI capabilities—pioneered in Azure and now available in Power BI—require no code, enabling all of your Power BI users to discover hidden, actionable insights and drive more strategic business outcomes.

Create interactive reports customized for your business

Create stunning reports with interactive data visualizations. Tell your data story using a drag-and-drop canvas and hundred of modern data visuals from Microsoft and partners—or create your own, using the Power BI open source custom visuals framework. Design your report with theming, formatting, and layout tools.

Author for everyone, anywhere

Get visual analytics to the people who need it. Create mobile-optimized reports for viewers to consume on the go. Publish from Power BI Desktop to the cloud or on-premises. Embed reports created in Power BI Desktop into existing apps or websites.

Price: Free

Power BI Pro:

Discover insights quickly

- Explore data easily by using conversational language and get meaningful answers to data questions asked in your own words.
- Get insights instantly from your favourite applications using pre-built data visualization and report templates.
- Keep your priority analytics handy by pinning your most relevant content, and ensure others see valuable insights by promoting them using administrative tools.

Get more done with familiar tools

- Get the answers you need quickly using the skills you have today—whether you are most comfortable using other BI tools, Excel, or Azure.
- Increase the impact of your insights by sharing them with teammates in the tools they use every day such as Microsoft Teams, Dynamics 365, and the Microsoft Power Platform.
- Encourage data exploration and insight sharing with an intuitive, familiar experience that looks and works like the other Microsoft technologies your teams already use.

Govern your data securely

- Help prevent data loss with centrally managed, role-specific data protection and row-level security.
- Meet local regulations on service delivery, data residency, access, and control with national clouds.
- Safeguard your data so that it meets the compliance standards and certifications for your industry.

Price: 660 rupees/month per user.

Power BI Premium:

Accelerate decision making when everyone has access to insights

- Enable *anyone*— whether they're inside or outside your organization—to view all Power BI content including paginated and interactive reports without purchasing individual licenses.
- Choose the deployment option that works best for your organization, with on-premises reporting through Power BI report server, and your choice of geographic region for cloud deployment.
- Scale as your needs grow with dedicated cloud infrastructure that gives you control of performance.

Unlock big data with self-service data prep

- Find the data you need by using prebuilt connectors for common services like Dynamics 365, Azure Synapse Analytics, Salesforce.com, Excel, and Share Point.
- Empower business analysts to ingest, transform, and enrich big data through the already familiar Power Query experience without developing specialized skills or relying on others.
- Prepare data once and then reuse it across multiple Power BI models to drive efficiency and accuracy.

Simplify data management and access

- Meet data residency requirements by deploying in any region you choose including National clouds.
- Decide the best way for users to view and collaborate through flexible reporting types, distribution formats, and embedding options.
- Reduce IT headaches with a unified BI tool that includes central governance, security, and management across all users inside or outside your organization.

Improve publishing efficiency and accuracy of BI content

- Quickly move content from development and testing to production with confidence using the simple visual cues in deployment pipelines.

- Rapidly deploy reports with improved consistency and performance without needing special Dev Ops skills or tools.
- Save time and improve accuracy by using repeatable content management processes while personalizing them to fit your organization.

View Power BI Premium content with the Power BI mobile app

- Securely access and view live Power BI dashboards and reports on any device, with native mobile Power BI apps for iOS, Android, and Windows.
- Easily annotate reports with any touch screen to draw your team's attention to important insights.
- Ask your data questions and use geographic location to filter your data according to where you are.

Price: 330,190 rupees/month per dedicated cloud compute and storage resource with annual subscription.