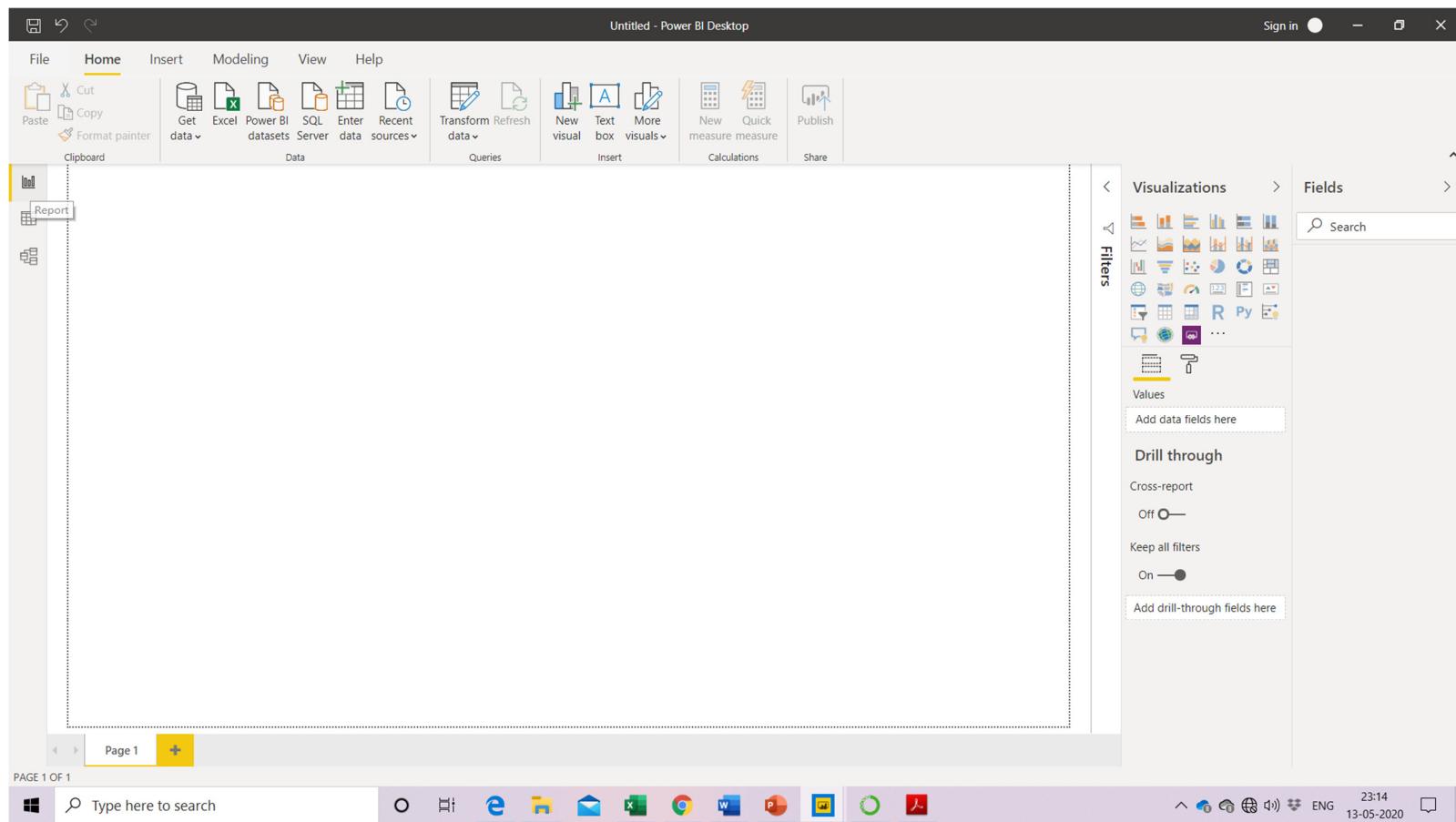


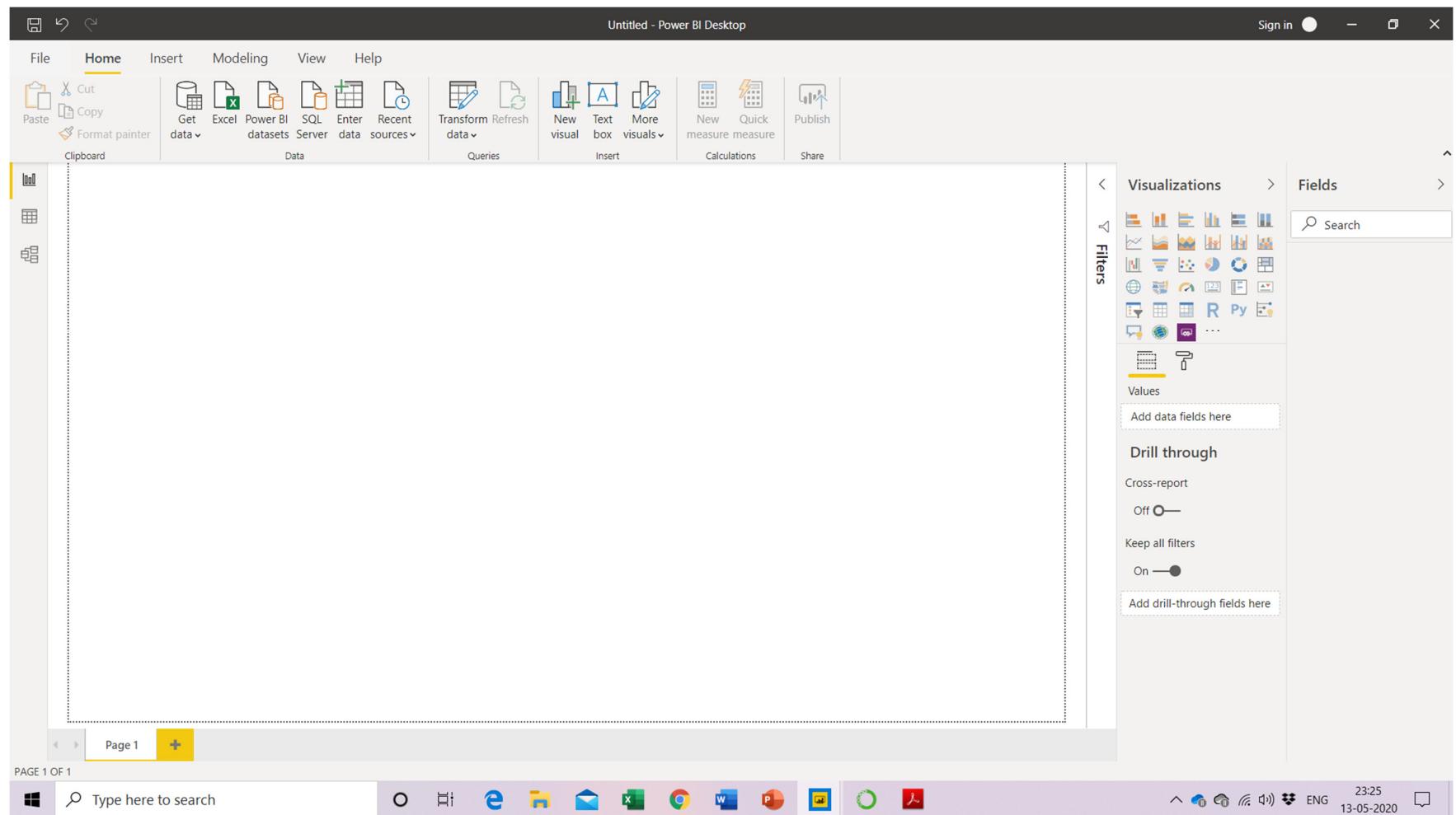
## Assignment – 1

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

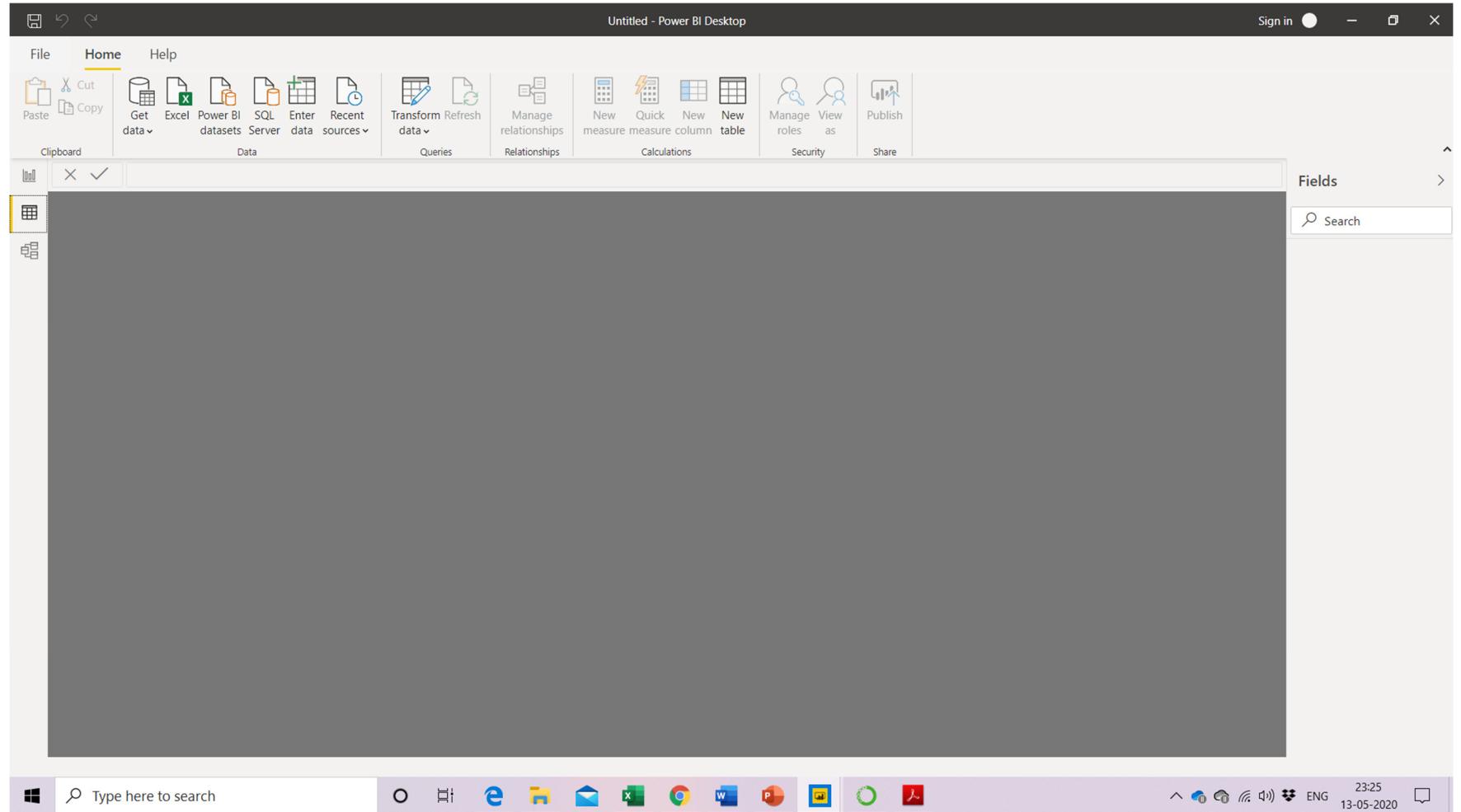


2. Prepare a document and with the following screenshot:

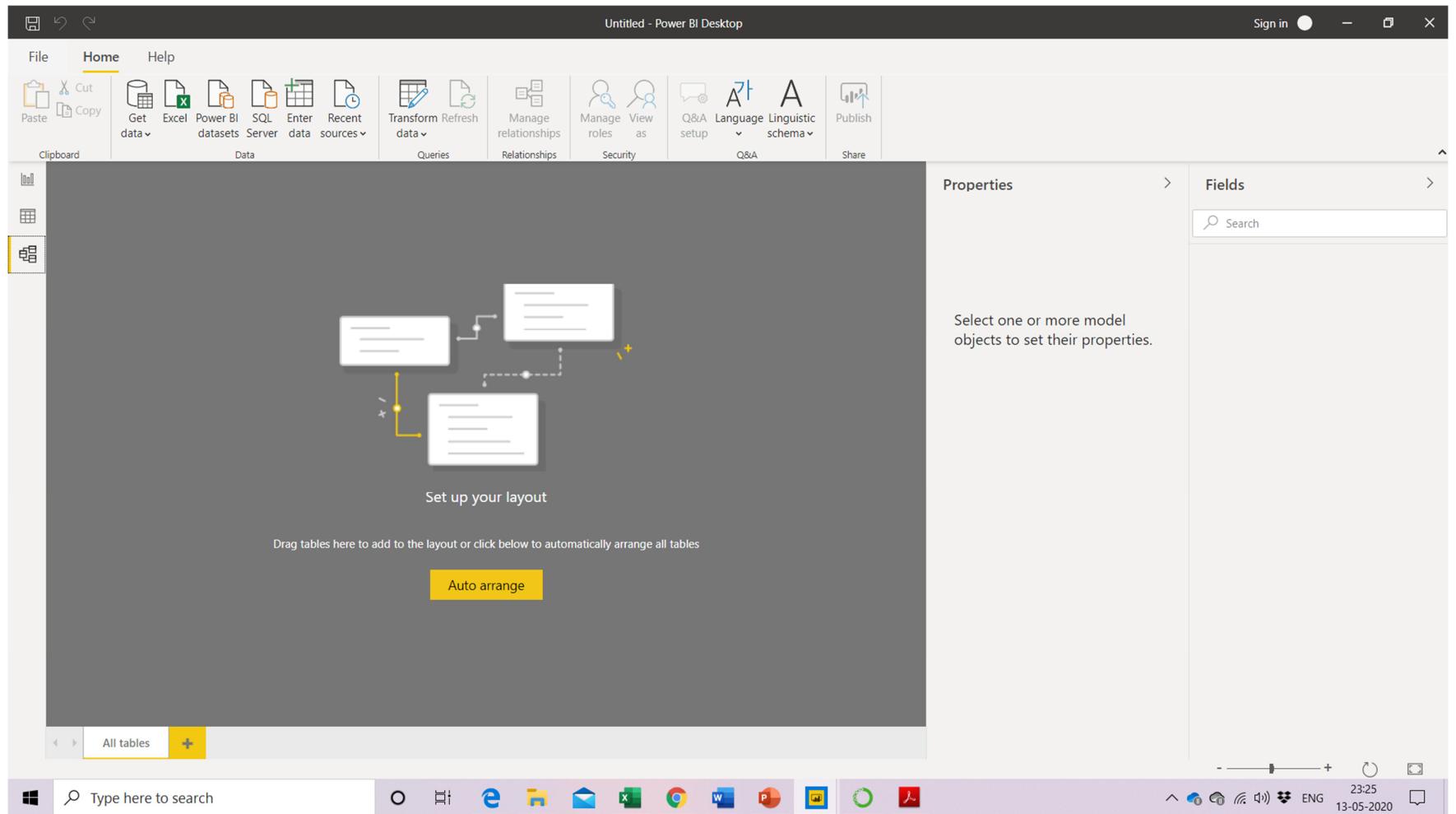
– Report View



## – Data View



## – Model View



## – Power Query Editor

The screenshot shows the Microsoft Power Query Editor interface. The ribbon at the top includes File, Home, Transform, Add Column, View, Tools, and Help. The Home tab is selected. The main area displays a table with 2 columns and 5 rows, titled "Users". The columns are labeled "Region" and "Manager". The data is as follows:

Region	Manager
Central	Chris
East	Erin
South	Sam
West	William

The formula bar at the top shows the formula: = Table.TransformColumnTypes(Users\_Sheet,{{"Column1", type text}, {"Column2", type text}}). The "APPLIED STEPS" pane on the right lists a single step named "Changed Type". The taskbar at the bottom shows various pinned apps: Start, Task View, Edge, Mail, Excel, Google Chrome, Word, Power BI, and File Explorer.

## – Advance Editor

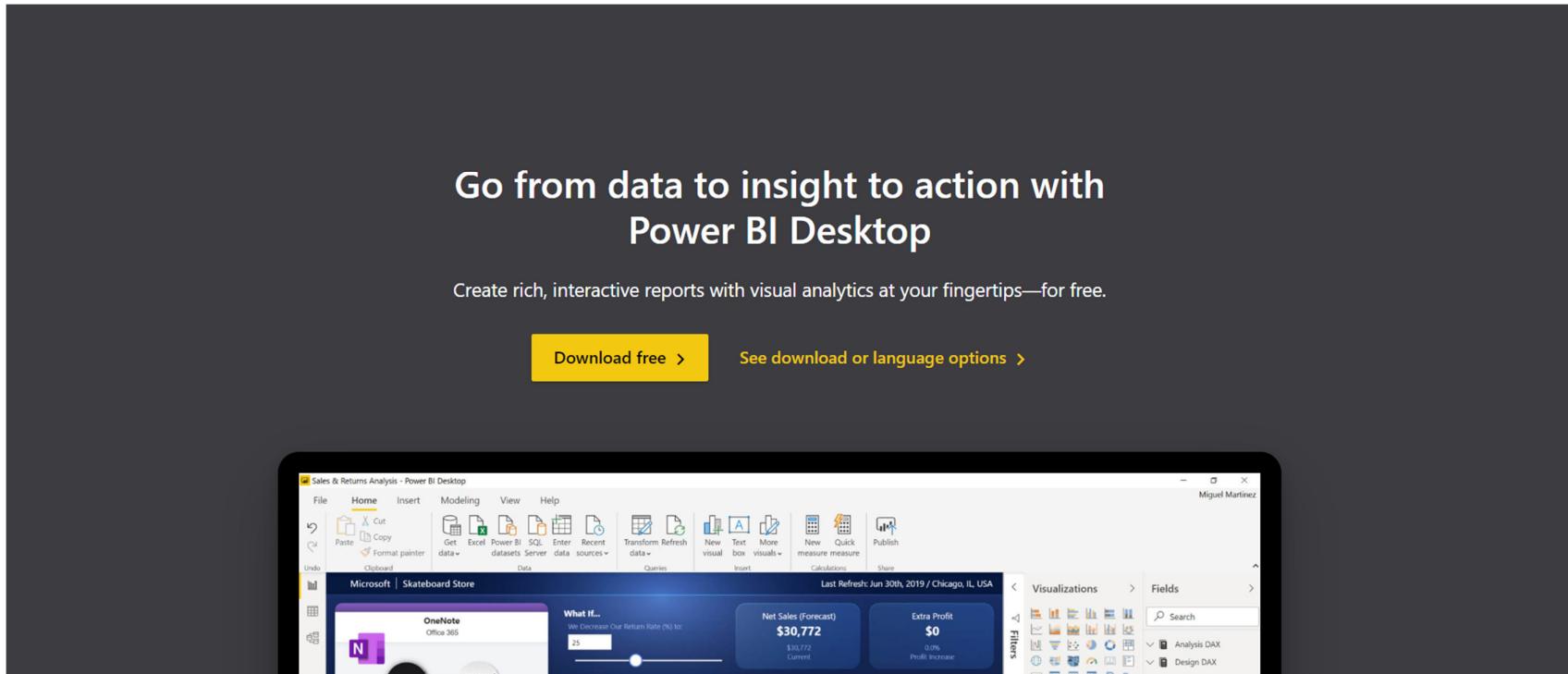
The screenshot shows the Microsoft Power Query Advanced Editor window. The title bar reads "Untitled - Power Query Editor". The ribbon menu includes File, Home, Transform, Add Column, View, Tools, and Help. The Home tab is selected. The toolbar contains icons for Close & Apply, New, Recent, Enter, Data source settings, and Data Sources. The main area is titled "Advanced Editor" and displays the M code for the "Users" query:

```
let
    Source = Excel.Workbook(File.Contents("C:\Users\Gowri Lakshmi\Downloads\Data Science\iNeuron\Power BI\Lecture 1\Store Sales Data.xlsx"), null),
    Users_Sheet = Source{[Item="Users", Kind="Sheet"]}[Data],
    #"Changed Type" = Table.TransformColumnTypes(Users_Sheet,{{"Column1", type text}, {"Column2", type text}})
in
    #"Changed Type"
```

A status message at the bottom left says "No syntax errors have been detected." On the right side, there are two panes: "Query Settings" and "APPLIED STEPS". The "Query Settings" pane shows the query name "Users". The "APPLIED STEPS" pane lists the steps: "Source", "Navigation", and "Changed Type" (which is highlighted). At the bottom of the editor window, there are "Done" and "Cancel" buttons. The taskbar at the bottom of the screen shows the Windows Start button, a search bar with the placeholder "Type here to search", and several pinned application icons (File Explorer, Edge, Mail, Excel, Google Chrome, Word, Power BI, etc.). The system tray shows the date and time as "13-05-2020 23:32" and the language as "ENG".

3. Prepare a document with details of the following along with their price

– Power BI Desktop



Click below link to know more about Power BI Desktop

<https://powerbi.microsoft.com/en-us/desktop/>

- Power BI Pro
- Power BI Premium

## Power BI pricing

Analytics for every organization

US Dollar (\$)

Do you need self-service BI?

**Choose Power BI Pro**

- Self-service and modern BI in the cloud
- Collaboration, publishing, sharing, and ad-hoc analysis
- Fully managed by Microsoft

**Power BI Pro**

**\$9.99**

Monthly price per user

[Buy now](#) [Try free](#)

Do you need advanced analytics, big data support, and on-premises and cloud reporting?

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- Enterprise BI, big data analytics, cloud and on-premises reporting
- Advanced administration and deployment controls
- Dedicated cloud compute and storage resources
- Allows any user to consume Power BI content

**Power BI Premium**

**\$4,995**

Monthly price per dedicated cloud compute and storage resource with annual subscription

[Request a consultation](#)

## Power BI features comparison

Determine which collaboration, publishing, and consumption option is best for your organization.

	Power BI Pro	Power BI Premium
<b>Licensing differences</b>		
Included with Office 365 Enterprise E5	●	\$ ⓘ
Licensed per user	●	
Licensed by dedicated cloud compute and storage resources		●
<b>Deployment and administration</b>		
On-premises reporting through Power BI Report Server		●
Compute processing environment	Shared	Dedicated
Deploy Power BI content to multiple regions		●
Incremental data refresh		●
Publish reports to be shared	●	
Widespread distribution of content without requiring a Power BI Pro license for content consumers		●
Publish and consume paginated reports in Power BI ⓘ		●
Allocate compute resources		●
Monitor performance of dedicated compute and memory resources		●
Maximum size of individual dataset	1 G	10 G
Maximum storage	10 G per user	100 TB
Maximum number of automatic refreshes per day	8	48

Store Power BI data to Azure Data Lake Storage Gen2 <span style="color: #0078d4;">(i)</span>		●
<b>Deployment, administration, compliance, and security</b>		
Cloud service	●	● <span style="color: #0078d4;">(i)</span>
Select a chosen home region datacenter for your data processing environment	●	●
Monitor content creation, consumption, and publishing with user metrics	●	●
Data security and encryption	● <a href="#">View full list</a>	● <a href="#">View full list</a>
Meets industry, global, regional, and government certifications	● <a href="#">View full list</a>	● <a href="#">View full list</a>
Available in Microsoft national clouds	● <a href="#">View full list</a>	● <a href="#">View full list</a>
<b>Data prep, modeling, and visualization creation <span style="color: #0078d4;">(i)</span></b>		
AI-powered data modeling using AutoML, Cognitive Services, and Azure Machine Learning		●
Creation of data visualizations, reports, and dashboards	●	●
Standard and big data prep and ETL	●	●
Access to a library of Power BI visuals and the custom visual SDK	●	●
Access to data connectors for cloud and on-premises data sources	●	●
Out-of-the-box visualizations, themes, and personalization options	●	●
<b>Content consumption <span style="color: #0078d4;">(i)</span></b>		
Paginated reports provide fixed-layout documents optimized for printing and archiving		●
Analyze data in Microsoft Excel	●	●
Embed content in other interfaces like Teams, SharePoint, and other SaaS applications	●	●

View and interact with Power BI content	●	●
View and interact with Power BI content through the Power BI mobile app for iOS, Android, and Windows	●	●
Ask questions about data to get immediate answers and personalize definitions so Power BI understands your business language including acronyms.	●	●
Subscribe to reports for notifications about changes	●	●
View Power BI content in other interfaces ⓘ	●	●
<a href="#" style="color: inherit; text-decoration: none;">Get started ▾</a>		<a href="#" style="color: inherit; text-decoration: none;">Request a consultation ▾</a>

Click below link to know more about Power BI Pro and Power BI Premium

<https://powerbi.microsoft.com/en-us/pricing/>