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In this exercise we are going to import data into excel from the web.

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This uses the query feature available from the data tab in excel.

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This feature allows you to scrape data from websites, load and transform the data.

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And once these actions are set up we could also refresh to get the latest data.

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You could then use these data that you scrape from the website for further analysis.

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As part of this exercise we will import two week weather forecast data for Chennai from

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a web-page to excel.

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The data that we import will actually be connected to the original web page.

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So, whenever we want the newest information all we have to do is refresh our table.

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Let's start.

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Let's first go to the web page where we want a data.

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Let's go to time and date dot com, weather, two week forecast, click Chennai.

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And here you see the two week forecast.

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Let us go down and as we scroll down we see that we might require this data.

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This data is what we want.

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So, let's go to this URL, copy the URL, now let's open our excel workbook and here you

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have these tabs at the top, different tabs are available.

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Let's go to the data tab, go to new query from file, from database, from other sources.

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From other sources, go to from web because we are importing data from the web, this is

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the option we are choosing.

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Let's wait for it to load and here let's paste the URL that we copied earlier.

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Click ok.

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Now this will try to establish a connection between excel and the web-page and this launches

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your query editor.

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So, here if you go to the top right beside the table view tab you have a web view.

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Those actually shows the website that you wanted to establish a connection with.

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So, this is the web-page that we had seen earlier but we need the tables.

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Let's see what tables are available.

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For that let's go back to table view and here you have two tables, document, we do not want

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this table.

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Let us look at table 0.

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Yeah!

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this is the table that we want.

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So, you could either transform the data now.

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Now that you have the table you might want to remove some information or add some additional

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columns you might have some transformations that you want to do.

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You could do it either by going to transform data here now or you could first load the

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data.

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Let's first load the data and then we can transform it that option is also there.

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So, let's load the data.

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So, we have our data loaded.

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Let's extend this.

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So, this is the query that we created it shows the data, the columns, last refresh time,

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the source.

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So, double click it to edit this query and now you can again transform.

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So, you could either transform it when you first loaded the data or you could transform

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it by double clicking the query.

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This is a way to edit the query.

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So, let's look at the columns that is not required.

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We don't need conditions.

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Let's select comfort, we don't need comfort, we don't need humidity, precipitation chance,

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Sun UV, sunrise, sunset.

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For now we don't need this.

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Let's delete it, right click and remove columns.

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What you can notice is that as you perform each and every step here those same steps

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get added in a sequence.

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Here is this applied steps box.

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This just keeps track of whatever you do here in the sequence.

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So, once this is done we are all set, we can now close and load this data.

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So, both of the close and load option at the top and there you go, we have the final data

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available.

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So, in case you want the latest information this gives you the two week forecast from

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today.

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If you want the latest information on the day that you check, all you need to do is

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go to this refresh option at the top.

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Click refresh.

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The other way is to click anywhere on this table.

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Right click and click refresh.

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You have your data and this data can then be used for further analysis.