------ Practical 3 ------

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Please download the following version of QGIS.

itvoyag http://downloadlosgeo.org/qgis/win64/QGISIOSGeo4W-21011Setup-itvoyagers.in x86\_64.exe

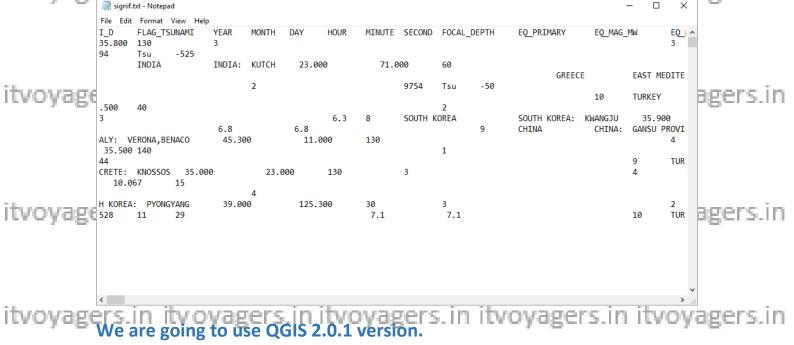
Please download the resources files from the below link.

itvoyag <u>https://drive.google.com/open?id=1vcZX0iSqfiC4s\_MXNnxmissaNKu</u>-yagers.in <u>cNQx</u>

itvoyage We can save our GIS data in the form of tabular format like CSV file or yagers in structured text format like we are going to use in this practical.

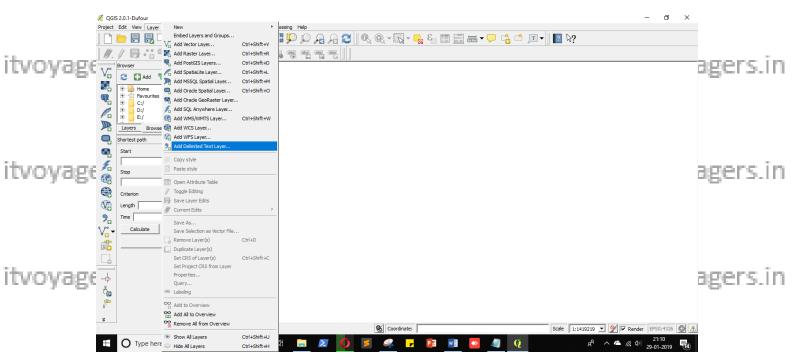
Following file contains the data about earthquake, it has latitude and longitude values for each feature, we can see that columns are

separated by TAB. itvoyagers in itvovagers in itvovagers in itvovagers in itvovagers.in



First we have to call that data file in QGIS for that go to

### Layer > Add Delimited Text Layer...



itvoyagen "File Name" field we have to select our data file ("signification itvoyagers.in

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Click on Browse..." "Browse..." button in front of "File Name" field.

Select "signif.txt" file and click "Open". itvoyagers.in itvoyagers.in itvoyagers.in itvoyagers.in itvoyagers.in

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### It will ask QGIS to read coordinate data from the file itself.

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itvoyagen "Geometry definition" we have to select "Point coordinates") we can agers. in see that in "X field" drop box "LONGITUDE" and "LATITUDE" in "Y field" QGIS does this for us. It will scan the data file and find the field which contains coordinates data. Usually fields name are "LONGITUDE" and

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Now in "Layer setting" panel select "Use spatial index" check box.

### Click on "OK"

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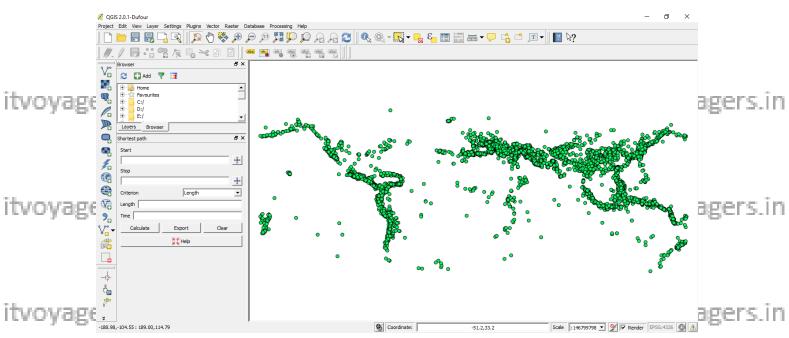
# This error will show up, it is because of missing X and Y values. We can

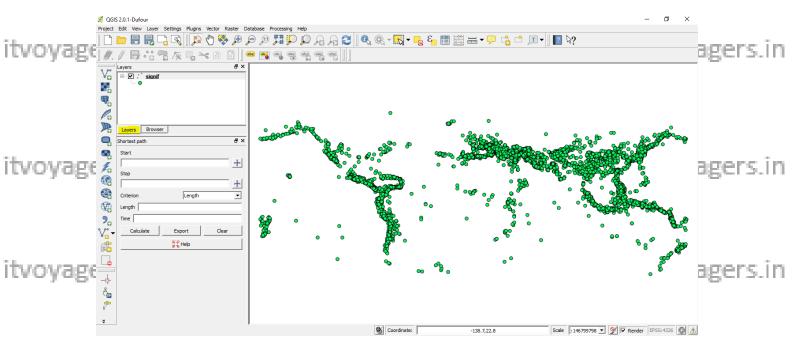
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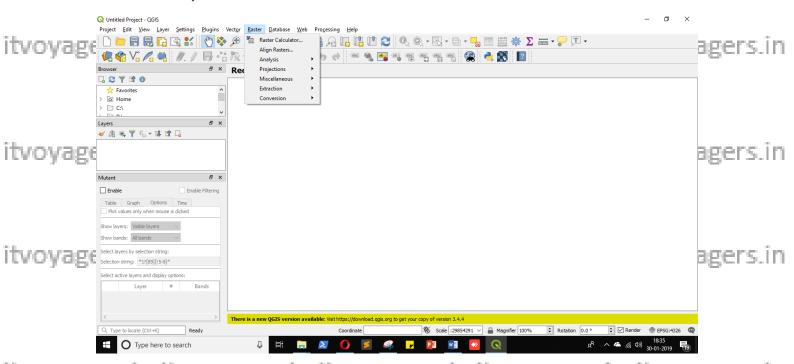


### We can see that in "Layer" panel we have the layer itvoyagers in itvoyagers in itvoyagers in itvoyagers in itvoyagers in named "signif" and in canvas the data is been represented in form on point shape feature.

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## **Using Plugins**

In QGIS we can find many plugins installed already those are called core plugins. We can add extra plugins which are developed by QGIS team or another developer. In QGIS many plugins are installed already but are hidden like "Georeferencer" in "Raster" tab.



ITVOVAE Currently we can't see "Georeferencer" option we have to make it visible, for that golto ITVOVAECIS.IN

#### Plugins > Manage and Install Plugins...

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#### Plugins window will appear, click on "Installed" tab.

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		s AmigoCloud		Some plugins come with your QGIS installation while	
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		Another DXF Importer / DXF2Shape Converter		You can temporarily enable or disable a plugin. To <i>enable</i>	
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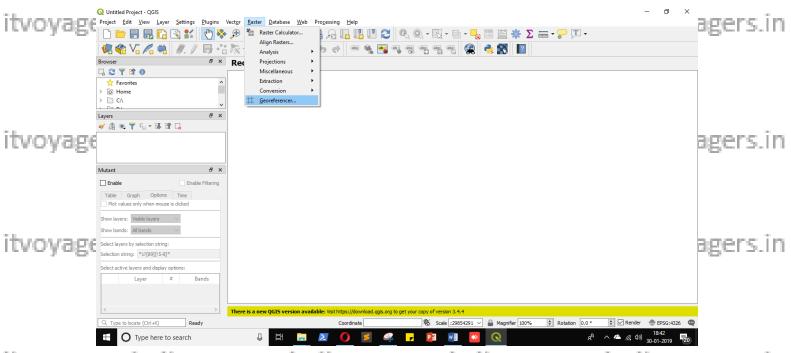
#### We can see "Georeferencer GDAL" is unchecked, to make it visible we have to check it and click itvoyage close". Itvoyagers in itvoyagers in itvoyagers in itvoyagers in itvoyagers in

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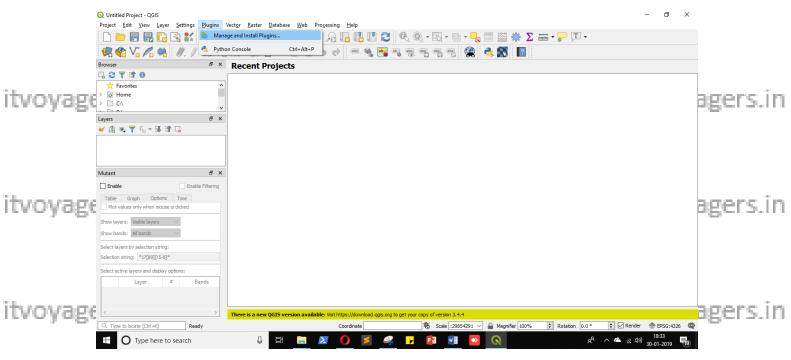
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Now let's install new plugin in QGIS, go to

Plugins > Manage and Install Plugins...



Type "qui" in search bar we can see "QuickWKT" plugin select it and click on "Install Plugin" button.

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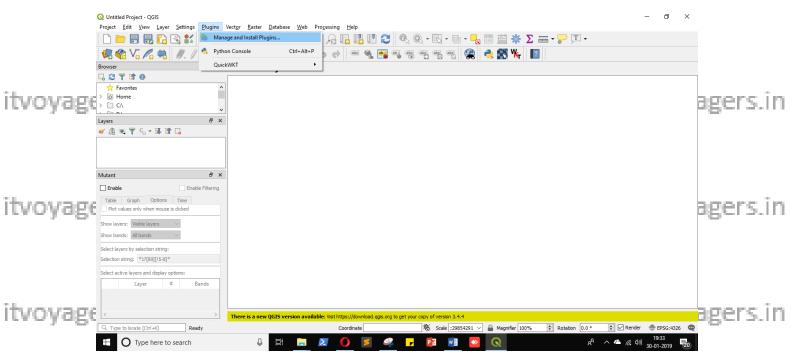
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Plugins > Manage and Install Plugins...

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We have to check "Show also experimental plugins" check box.

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We can see that new tab named "New" is been added to Plugins window, Click on it.



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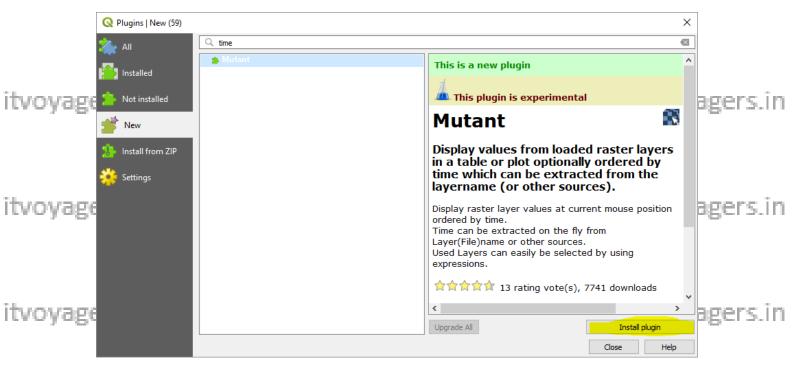
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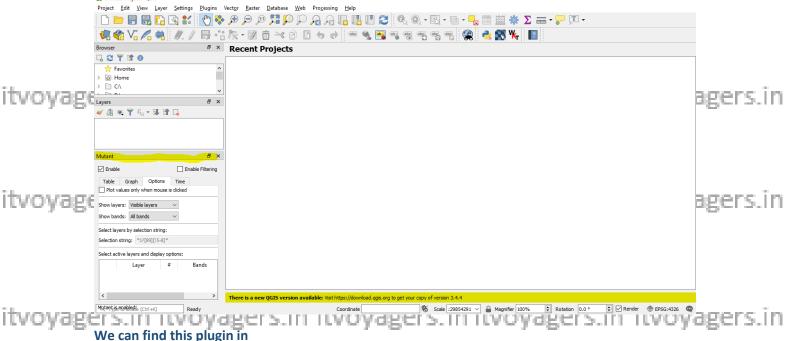
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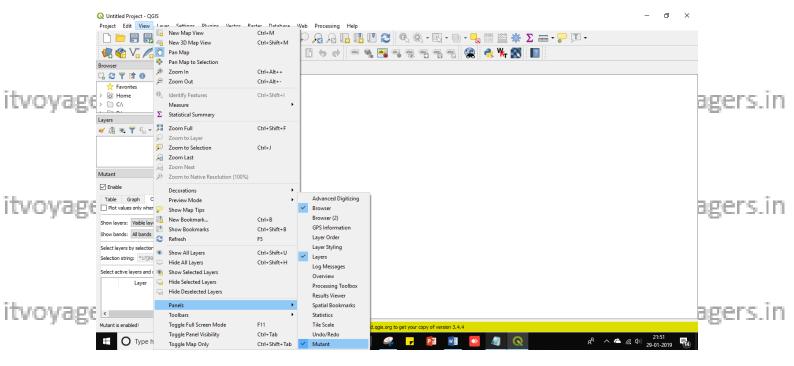
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