

Basic Vector Styling

QGIS Tutorials and Tips



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QGIS is a free and open source GIS. QGIS is a GIS that can be used on a variety of operating systems. QGIS is a GIS that can be used on a variety of operating systems.



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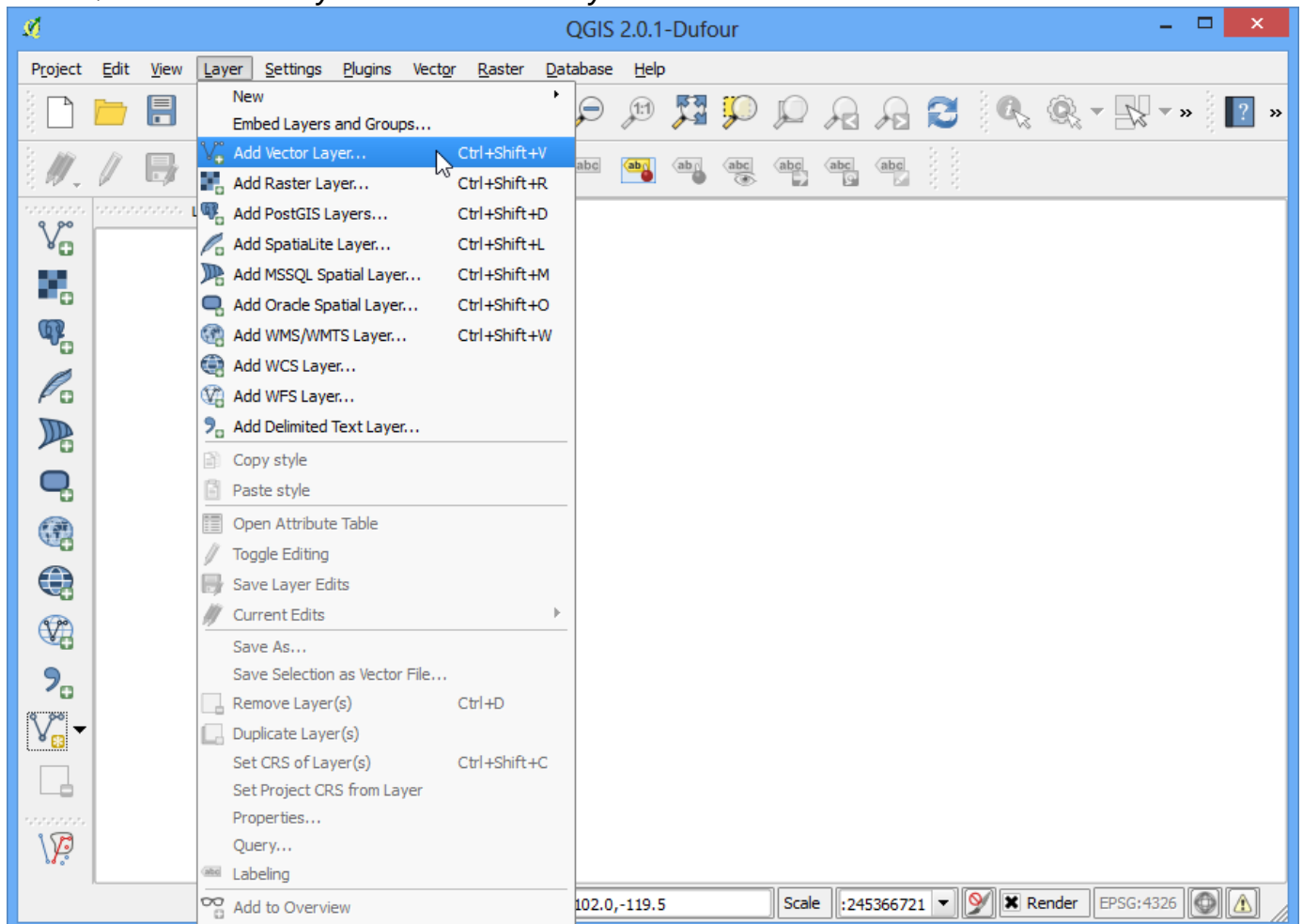
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lifeexpectancy.zip

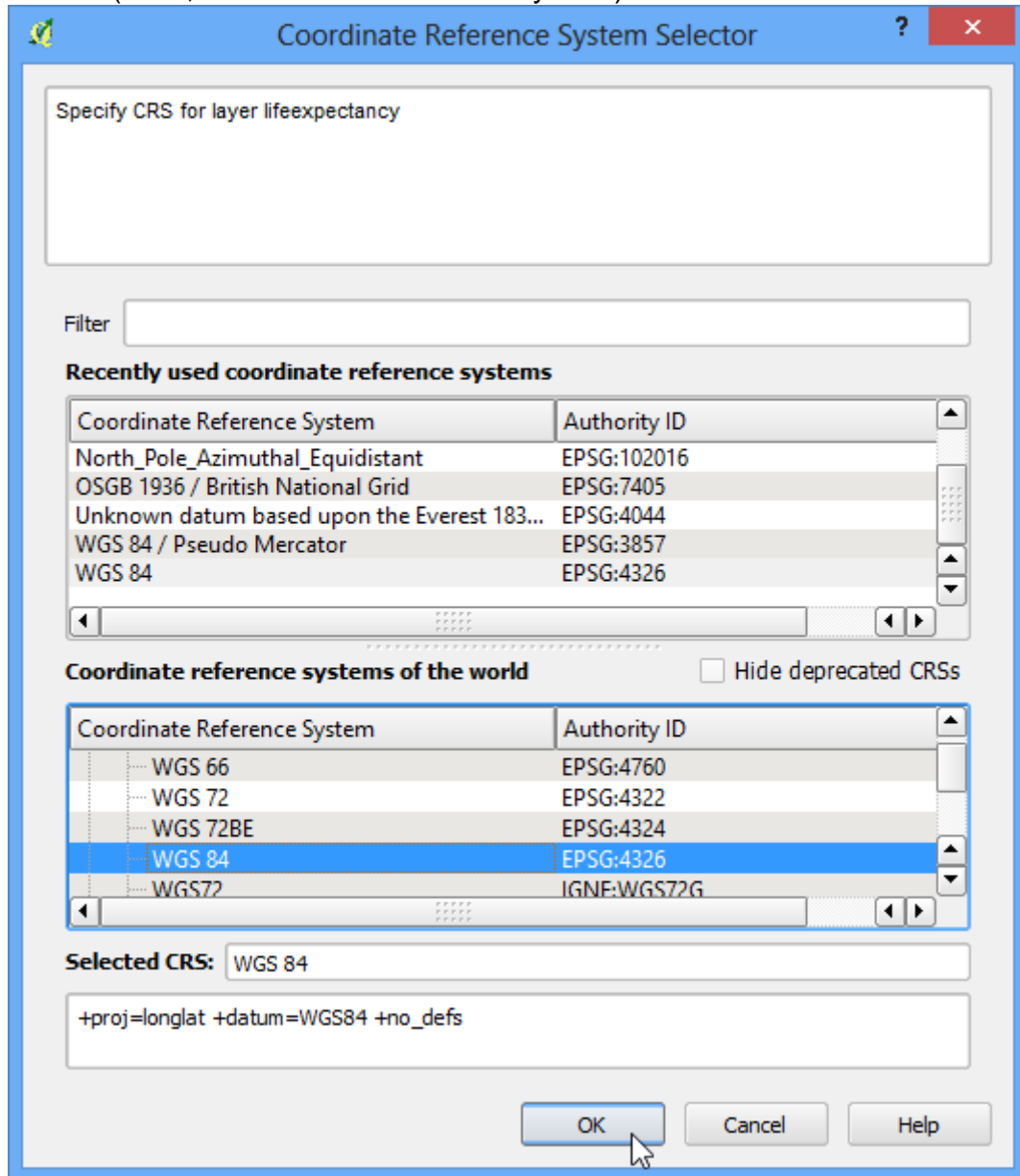
[SAGE]



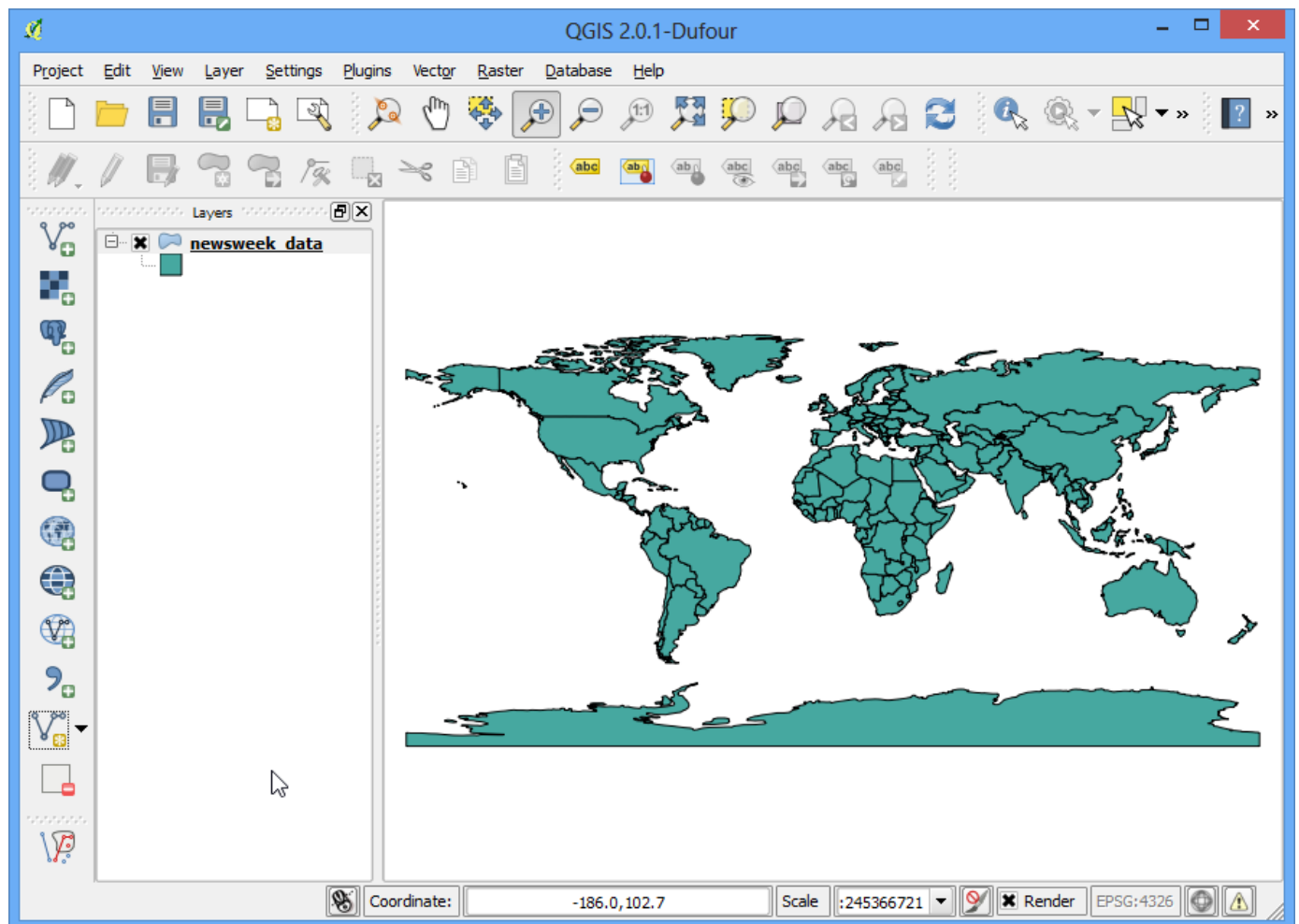
1. QGIS Layer Add Vector Layer...



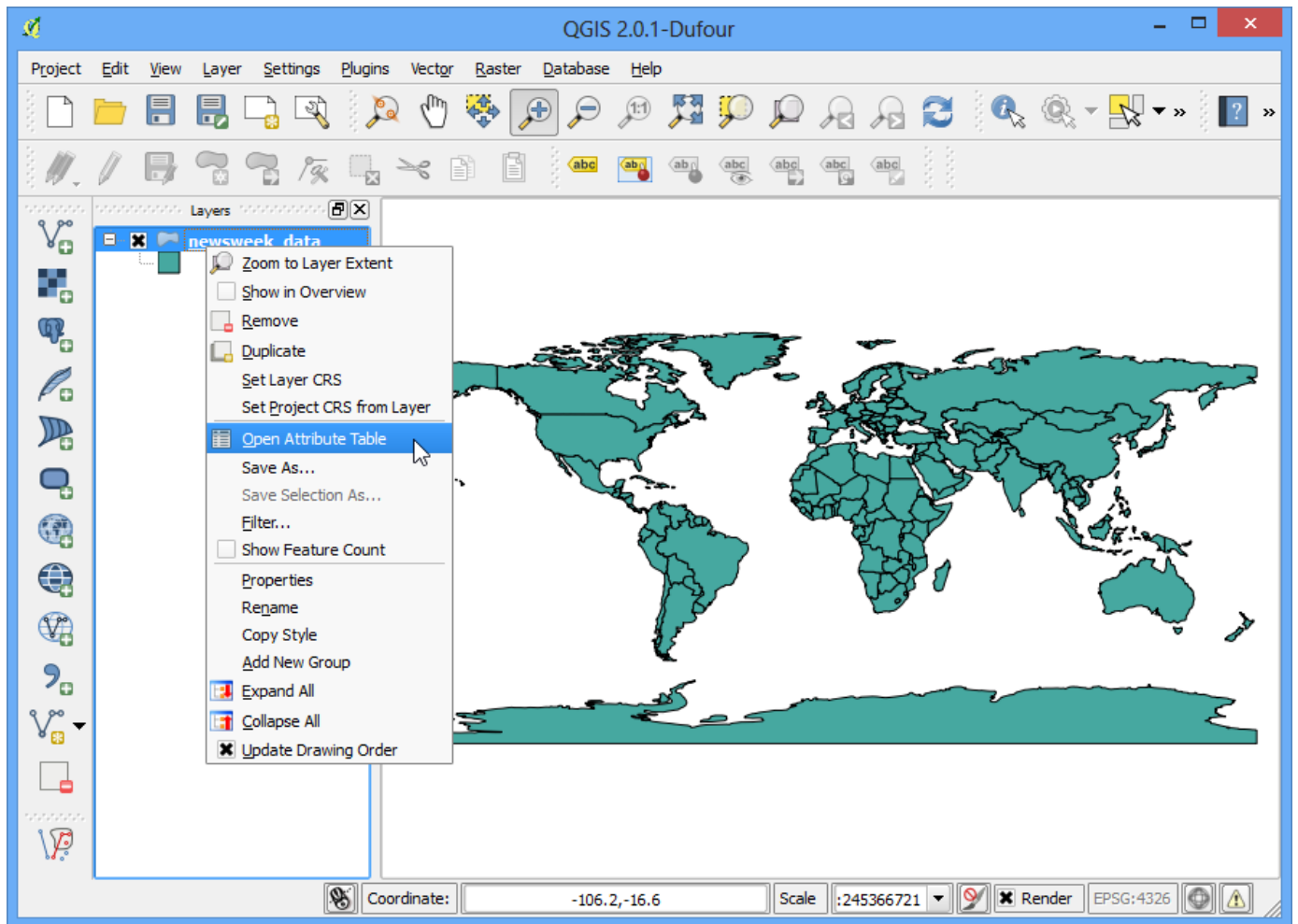
2. `lifeexpectancy.zip` :guilabel: `Open`
`newsweek_data.shp` :guilabel: `Open`
(CRS, Coordinate Reference System) `WGS84 EPSG:4326`



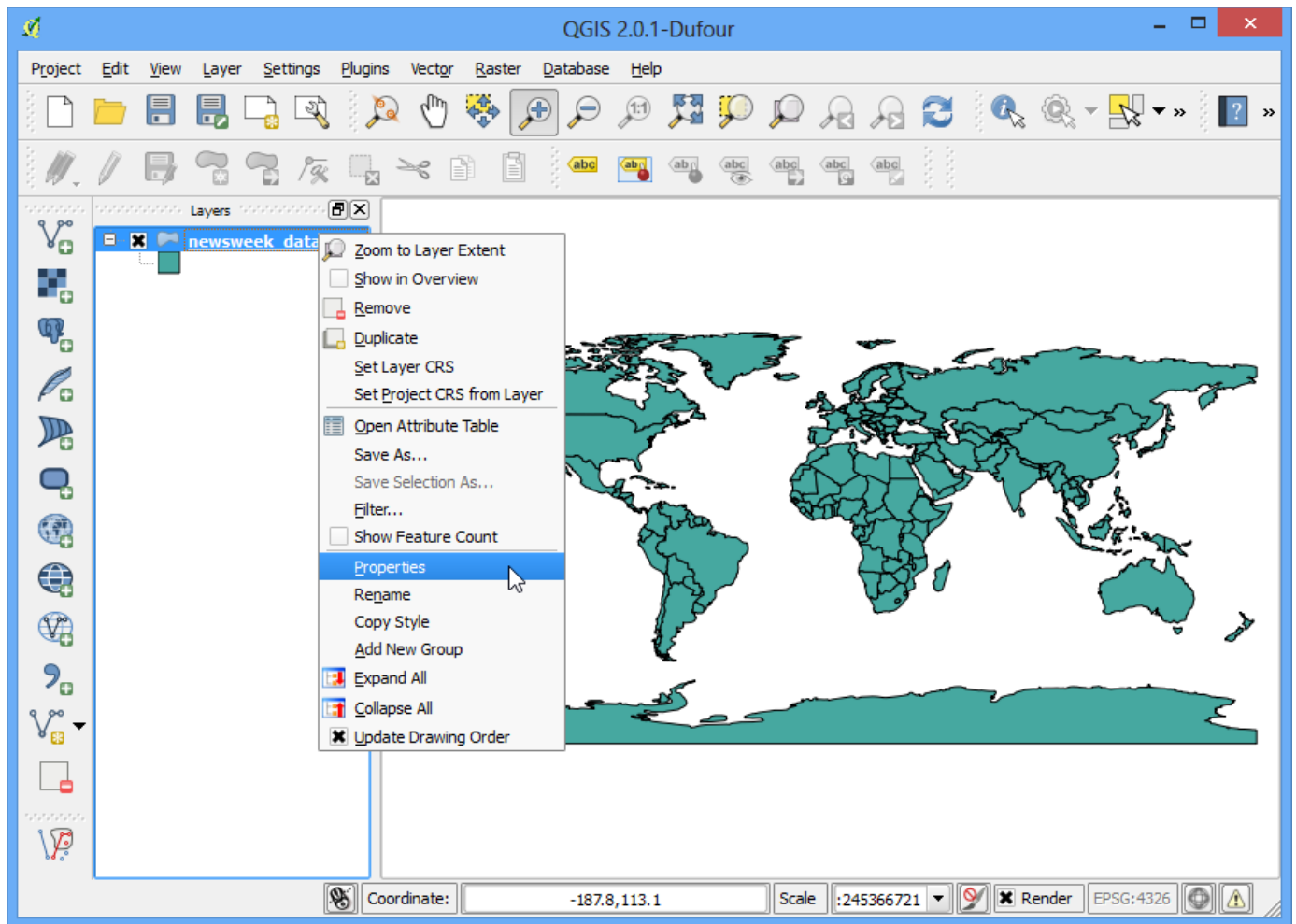
3. `zip` `newsweek_data.shp` `lifeexpectancy.zip`



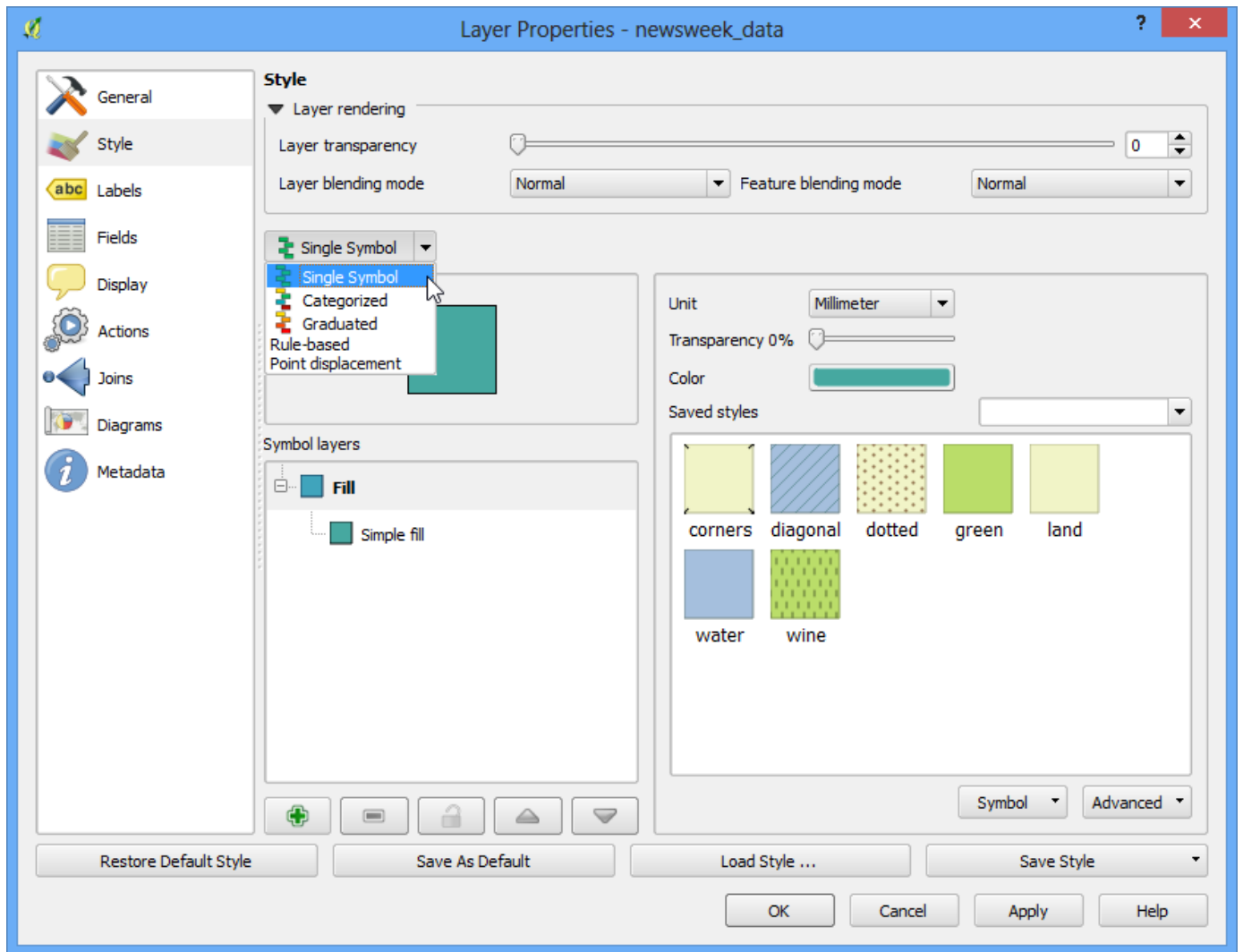
4. ■■■■ ■■■■ ■■■■ ■■■■ ■■■■ ■■■■ :guilabel:`Open Attribute Table` ■■■■ ■■■■ ■■■■.



5. `self.setAttributeTableProvider(`
`column`
 :guilabel:`LIFEXPCT``



7. **Style** **Single Symbol**, **Categorized**, **Graduated**, **Rule Based** and **Point displacement**.



8. `Single Symbol` is the default rendering type for a layer. It is used to render a layer with a single symbol. The 'Fill' layer in the 'Symbol layers' list is a 'Simple fill' symbol. The 'Saved styles' section shows various predefined styles like 'corners', 'diagonal', 'dotted', 'green', 'land', 'water', and 'wine'. The 'Unit' is set to 'Millimeter' and 'Transparency' is 0%.



10. `guiabel:Properties`` `guiabel:`Style`` `guiabel:`Categorized`` `Column`` `guiabel:`LIFEXPCT`` `guiabel:`color ramp`` `guiabel:`Classify`` `guiabel:`OK``



11. The 'Layer Properties' dialog box is used to modify the style of a layer. The 'Style' tab is used to select a style and a color ramp. The 'Classify' button is used to create a new style based on the values in the 'Column' dropdown.

Note

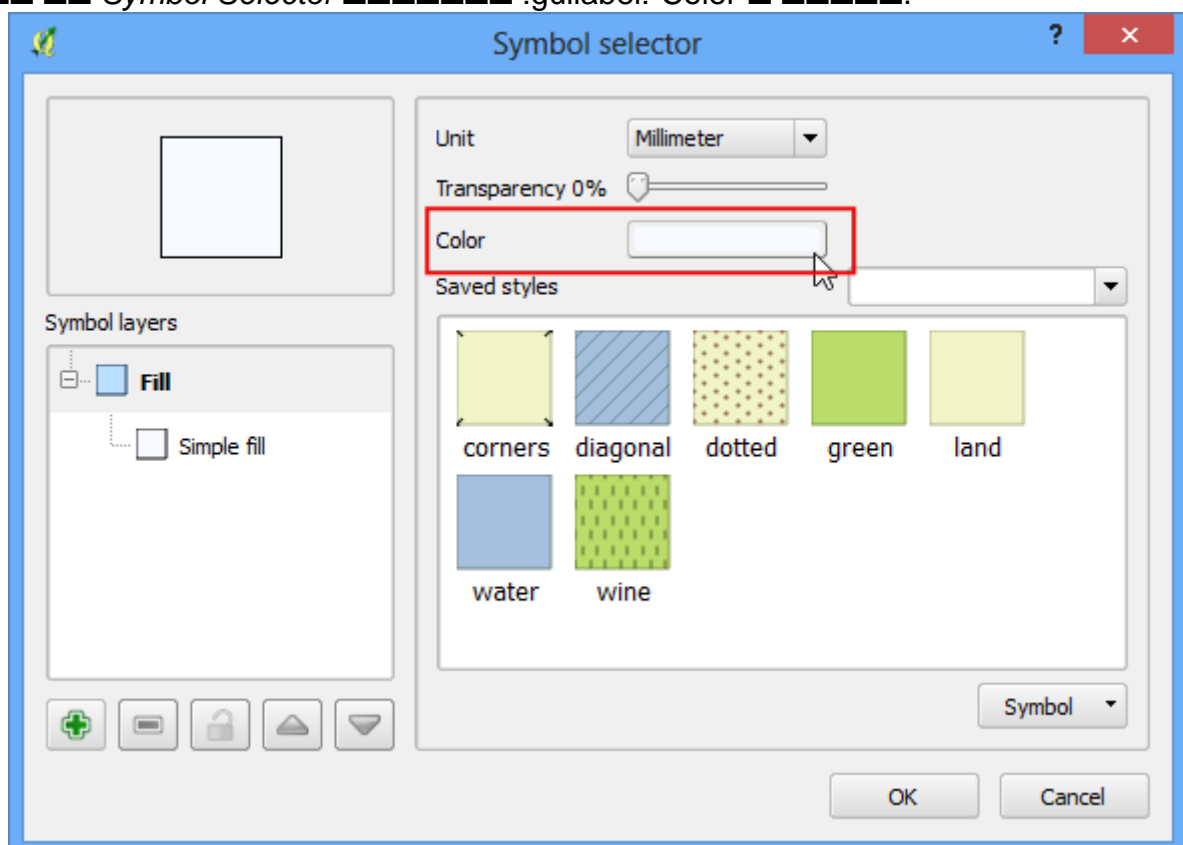
Click the **Style** tab in the Layer Properties dialog. The **Style** tab is highlighted in the image. The **Style** tab contains the **Layer rendering** section, the **Column** dropdown, the **Symbol** button, the **Color ramp** dropdown, the **Classes** dropdown, the **Mode** dropdown, and the **Classify** button.



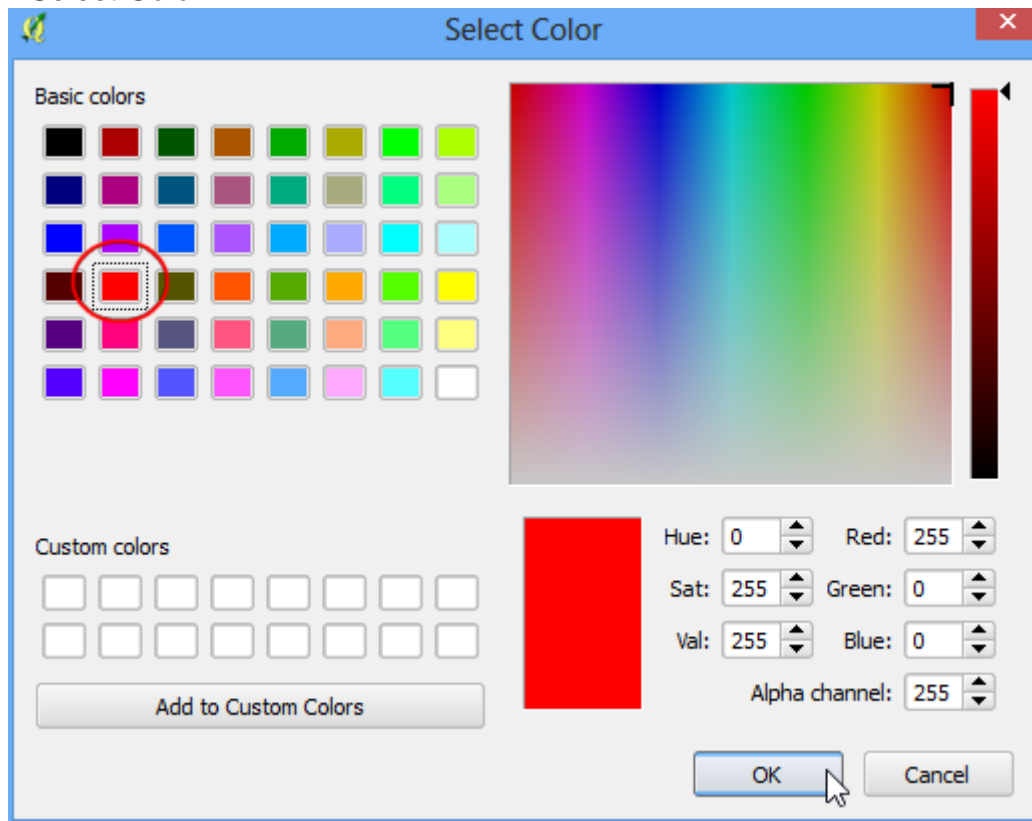
13. Click the **Classify** button. The **Classify** dialog box is displayed. The **Classify** dialog box contains the **Column** dropdown, the **Classes** dropdown, the **Mode** dropdown, and the **Classify** button.



15. ■■■ ■■■ Symbol Selector ■■■■■■■■■■ :guilabel:`Color` ■■■■■■■■■■.



16. ■■■ ■■■ *Select Color* ■■■■■■■■■■ ■■■ ■■■■■■.



17. ■■■■ ■■■ *Layer Properties* ■■■ ■■■■■ ■■■ ■■■ ■■■ ■■■ *Label* ■■■■■■■■■■ ■■■■■■ ■■■■ ■■■■ ■■■■■. ■■■■■■■■ ■■■■ ■■■■ ■■■■ ■■■■ ■■■■ ■■■■ *Value* ■■■■■■■■ ■■■■■■■■. ■■■■ ■■■■ ■■■■ :guilabel: `OK` ■■■■■■■■.

