

Creating Dataset Using Google Earth Pro

Spoken Tutorial Project

<https://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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Learning Objectives



Learning Objectives

- ▶ **Download and Install Google Earth Pro**



Learning Objectives

- ▶ Download and Install **Google Earth Pro**
- ▶ Use **Google Earth Pro** to navigate and create a dataset



Learning Objectives



Learning Objectives

- ▶ **Create point and polygon files in Kml format using Google Earth Pro**



Learning Objectives

- ▶ Create **point** and **polygon** files in **Kml** format using **Google Earth Pro**
- ▶ **Open Kml files in QGIS**



System Requirements



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- ▶ **Ubuntu Linux OS v16.04**



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- ▶ **QGIS v2.18**



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- ▶ **Mozilla Firefox browser v54.0**



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- ▶ **QGIS v2.18**
- ▶ **Google Earth Pro v7.3**
- ▶ **Mozilla Firefox browser v54.0**
- ▶ **A working Internet connection**



Pre-requisites



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- ▶ **QGIS interface**



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- ▶ **QGIS interface**
- ▶ **<https://spoken-tutorial.org>**



About Google Earth Pro



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- ▶ **Google Earth** is a computer program that renders a 3D representation of Earth



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- ▶ **Google Earth** is a computer program that renders a 3D representation of Earth
- ▶ The program maps the Earth by superimposing satellite images, aerial photography and GIS data



About Google Earth Pro



About Google Earth Pro

- ▶ The program allows users to see cities and landscapes from various angles

https://en.wikipedia.org/wiki/Google_Earth



Summary



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- ▶ Download and Install **Google Earth Pro**
- ▶ Use **Google Earth Pro** to navigate and create a dataset



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- ▶ Create **point** and **polygon** files in **Kml** format using **Google Earth Pro**
- ▶ Open **Kml** files in **QGIS**



Assignment

- ▶ Create a dataset of state capitals in India
 - ▶ Save the **point** and **boundary** files in **Kml** format
- Hint: Locate all state capitals and draw the boundary of India**



About the Spoken Tutorial Project

- ▶ Watch the video available at https://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- ▶ It summarises the Spoken Tutorial project



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- ▶ If you do not have good bandwidth, you can download and watch it



Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- ▶ Conducts workshops using spoken tutorials
- ▶ Gives certificates to those who pass an online test
- ▶ For more details, please write to contact@spoken-tutorial.org



Forum for specific questions

- ▶ Questions in THIS Spoken Tutorial?
- ▶ Visit <https://forums.spoken-tutorial.org>
- ▶ Choose the minute and second where you have the question
- ▶ Explain your question briefly
- ▶ The Spoken Tutorial project will ensure an answer

You will have to register to ask questions



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