Shetkari Sahakari Sakhar Karkana (Sugar factory) in Kolhapur district

Team name	Team Sahyadri
Mapathon id	mapathon0191

Methodology

- Kolhapur district contains several sugar factories as the district itself famous for sugarcane production. The data required for sugar factory mapping was taken from private following sites:
  - o BHUVAN 2D: New tab (nrsc.gov.in)
  - o Sugar Commissionerate Maharashtra: साखर आयुक्तालय महाराष्ट्र,भारत. (maharashtra.gov.in)
  - o Anekant Prakashan: साखर आयुक्तालय महाराष्ट्र,भारत. (anekantprakashan.com)

- Following steps were conducted during preparing a GIS map. Please note that, these are general steps followed during creating every map submitted:
  - o Step 1: The data is essential part of map. During the first step, data was collected from proposed online resources in form of co-ordinates and textual data.
  - o Step 2: QuickMapService is a service available in QGIS open-source software. These standard maps of earth were used as a support for properly mapping the content. Special care was taken during mapping each item on list.
  - o Step 3: The map was exported as a JPG image from software for selected layers on map.
  - o Step 4: The map was later converted as a submission using PowerPoint 2016 office software for better understanding

- Complexities involved as follows:
  - o There were no proper details about each factory available on Sugar Commissionerate of Marahashtra's website. Therefore, no such numerical information provided for sugar factories

Applications of map

- We can use this map to find out proper location of a factory near your place. It will be helpful for children as well to learn about the feature of Kolhapur district.