1. **Answer**: Describe a problem or question in your field for which spatial analysis could be applicable.
   1. *Within the field of social electoral data analysis, one could wonder how different age-groups voted in the different municipalities of Denmark at the last parliamentary election.*
2. **Answer**: List 5 data layers that you think are necessary to answer your question/solve your problem. Find on the internet github.and then describe examples of two or three of your listed layers.
   1. *To answer this question, one would need two layers specifying the location of Denmark from the geographical data in form of Longitude and Latitude. Furthermore, multiple layers, including points and polyline layers containing the division of the municipalities, would be required. Also a layer with the amount of votes for each municipality would be required and lastly it is necessary to have a layer containing the votes for each age-group.*
      1. *Division of municipalities would be done by using the polylines to create polygons.*
      2. *For the amount of votes a raster layer could be applied.*
      3. *To specify each age-group the option to control and change raster layers could be applied.*
3. See this link for the coding questions:[**https://github.com/Digital-Methods-HASS/au605100\_Malte/tree/master/spatial\_analytics/W1**](https://github.com/Digital-Methods-HASS/au605100_Malte/tree/master/spatial_analytics/W1)