Project Proposal

Find the best location to implement a new farm that has the following requirements:

1. XX level of moisture
2. XX temperature
3. XXin of precipitation fall
4. XX level of cloud coverage

Based on the above requirements, please answer the following prompt:

*You have been approached by a new entrepreneur in the farming and agriculture industry. This individual is looking to set up a new farm that has* {insert requirements} *for their initial startup. Please indicate a location that enables all of these requirements based on the given data set or data sets you have researched. Furthermore, there is the potential that the individual will want a forecast over the next* 10 years *whether this location will still meet the above requirements or what chance that this will fail.*

These are the general steps you will follow to enact this plan:

* Obtain data set
* Clean data set
  + Is the data set have the required information?
  + Is there too much information, and you need to pair it down?
* Define what commands within your IDE will obtain the information you need to answer the prompt
  + You need to figure out what parameters make the ideal location
  + Once parameters are identified, can you write the code within the IDE that IDs what location meets these parameters?
* Visualize the answer
  + Will a histogram show case this?
  + What about a dot plot?
* How can this information/answer tie into Business Intelligence?
* After completing this, move on to the forecasting
  + What algorithm would be good for this?
    - Linear regression?
    - Classification?
    - Clustering?
    - Dimensionality reduction?
    - Would these be under Supervised or Unsupervised learning?
      * Which would be the most optimal for this?