1. Look at the big picture.
   * Look at the picture (Define your problem with attributes)
   * Frame your problem (Assume who wants solution, importance for him/her)
   * Select performance measure (RMSE, MAE)
2. Get the data.
   * Provide download link of the data
   * Take a quick look at the data structure
   * Make histograms of the data
   * Create a test set (all discussion of categories, etc.)
3. Discover and visualize the data to gain insights.
   * Visualizing graphical data
   * Looking for correlations
   * Experimenting with attribute combinations (new attributes if required)
4. Prepare the data for Machine Learning algorithms.
   * Data cleaning
   * Handling text and categorical attributesD
   * Custom transformers
   * Feature Scaling
   * Transformation Pipelines
5. Select a model and train it.
   * Training and Evaluating on the Training Set
   * Cross-Validation
6. Fine-tune your model.
   * Grid Search
   * Randomized Search
   * Analyze Best models and their errors
   * Evaluate your system on test set
7. Present your solution.
8. Launch, monitor, and maintain your system.