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Assignment 1.

1. Problem definition: the goal of this phase is to know what churns the customers and try to understand the reasons behind it.
2. Data gathering: involves acquiring the necessary data to perform a meaningful analysis based on accurate information.
3. Data preprocessing and cleaning: clearing the given data from any errors like duplicated data, irrelevant data, and data with structuring problems, and making sure that the data is valid for the next step.
4. Models building & evaluation: building and testing the final models and evaluating their accuracy and whether it's giving me the needed insights or not.

5. model deployment: deploying the best model that will solve the company’s problems and will keep the customers.