**Pre-preparation of Loan Prediction Data**

Data set (./Learning/Data/Loan\_predication in BB)

| **VARIABLE DESCRIPTIONS** | |
| --- | --- |
| **Variable** | **Description** |
| Loan\_ID | Unique Loan ID |
| Gender | Male/ Female |
| Married | Applicant married (Y/N) |
| Dependents | Number of dependents |
| Education | Applicant Education  (Graduate/ Under Graduate) |
| Self\_Employed | Self employed (Y/N) |
| ApplicantIncome | Applicant income |
| CoapplicantIncome | Coapplicant income |
| LoanAmount | Loan amount in thousands |
| Loan\_Amount\_Term | Term of loan in months |
| Credit\_History | credit history meets guidelines |
| Property\_Area | Urban/ Semi Urban/ Rural |
| Loan\_Status | Loan approved (Y/N) |

For further analysis of the data, you need to conduct the pre-processing for data completeness, consistency and interpretability.

1. Describe what you can do for the aim and how you are planning to perform the data pre-processing.
2. Please code in according to the data pre-processing plan and present the improved data for further analysis.