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Week 8 Activity 2

SEC A Question 2: What conclusions are you derived from the single variable analysis?

Answer:

- ~80% of loan applicants are male and ~20% are females in the training dataset. This means population of female applicants is comparatively low.

- ~70% are married.

- ~75% of loan applicants are graduates

- ~60% applicants are with 0 dependency.

- Applicants from semi urban areas are ~5-10% higher in population than urban and rural areas.

SEC A Question 5: What conclusions are you derived from the multi variable analysis?

Answer:

- There is not a substantial difference between male and female approval rates.

- Married applicants have a slightly higher chances of loan approval.

- Graduates have higher chance of loan approval compared to non-graduates.

- Applicants with no dependents have slightly higher chances of approval.

- Applicants with properties in semi-urban areas have higher loan approval rates.

Document link on GitHub: https://github.com/sawangaba/W8_A2_BigData2