SPSS Case Study Telecommunication

WEEK 2

Data Science Academy

Disclaimer: While dataset and case resembles real world scenario, it is made up for educational purposes.

You have been given revenues of telecom company subscribers for several months. Answer following questions.

1. Find skewness of "ARPU" for each month and COS separately. Give interpretation for distribution of revenues.
2. Evaluate normality of similar variables.

3. Apply empirical rule to ARPU for each COS.
4. Compute following probabilities
    a. What is the probability of a Sade COS subscriber has ARPU more than 10 AZN ?
    b. What is the probability of a Serbest COS subscriber has ARPU between 20 and 40 AZN?
    c. What is the probability of a Gencol COS subscriber has ARPU less than 3 AZN cm?
5. You have given a sample data. For each COS find confidence interval of population "ARPU"

You have been given Default of Credit Card Clients Data Set:
Answer following question.

6. Use appropriate diagnostic analysis tests (e.g. Pearson, Chi-Square or Spearman) on SPSS Statistics and find relationships between variables.

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