> Make yourself a favour and solve this _

Festive Stats Puzzle

For students of Social informatics.

How to Participate

Print, complete, and submit it in post box no. 82 by Monday, Dec 16.

Rules

Submit completed puzzles only, one per student.
Draw: Dec 18, 3 PM, FDV-26.
Winners notified personally or by email.

Prizes

Computer History Museum Tickets
FDV Power bank
Other suprises

CLUES (RELATED TO STATISTICS, SOCIAL INFORMATICS AND WINTER HOLIDAYS)

1. Model selection criterion that penalizes overfitting.
2. The significance level, often set at 0.05.
3. Not the null, but the other hypothesis.
4. A statistical test used to analyze the differences among group means.
5. The arithmetic mean of a set of numbers.
6. Difference between the estimated mean and the population mean.
7. A graph used to display the five-number summary of a dataset.
8. A relationship where one variable directly affects the outcome of another.
9. Technology that simulates human conversation.
10. Popular hot drink during winter.
11. Electronic device that processes data and performs tasks.
12. Primary unit that performs calculations and executes instructions (part of a computer).
13. Difference between the observed value and the mean.
14. A chart of frequency distribution.
15. Ice house.
16. Occurs when the effect of one variable depends on the value of another variable.
17. The constant term in a linear equation.
18. Slovenian winter dish made with sauerkraut.
19. Slovenian ski resort near the Austrian border.
20. An array of numbers.
21. The most frequently occurring value.
22. A simulation technique using random sampling.
23. A set of nodes and links.
24. A probability distribution for counts, named after a French mathematician.
25. Tests conducted after the ANOVA.
26. Raisins in this Slovene holiday dessert divide the nation.
27. Probability of correctly rejecting the null hypothesis when it's false.
28. Independent variable in regression analysis.
29. Protection of personal information online.
30. Type of memory used to store data temporarily.
31. A type of measurement scale.
32. Person responding to a survey.
33. Layer worn around the neck.
34. Slovenian word for snow.
35. Correlation measure for ordinal variables.
36. Standard deviation of a sample statistic.
37. The process of transforming data to have a mean of 0 and a standard deviation of 1.
38. Often denoted as SS, it's the sum of squared deviations.
39. Gather insights about opinions or experiences of a group through questioning.
40. Abbreviation for a measure used to check multicollinearity.
41. A type of AI model used for generating text, known as a generative pre-trained transformer.

> The author of this crossword puzzle is Marjan Cugmas.

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INSTRUCTIONS

Print this page and submit it to post box 82 by Monday, December 16. Fill in the correct words based on the clues on the front page. Start with the easier clues, then move to harder ones. Use the numbered grid spaces, and if stuck, move to the next clue. The puzzle is complete when all spaces are filled. Consider the theme to guide your answers. Feel free to use course slides, the Internet, and friends for help.

Wrtie your name, student ID and your email in the box _