Blastim

Certificate of achievement

This is to certify that

BAINA DANDAEVA

has successfully completed

"R programming, statistics and data analysis"

a 9 days course covering the following topics:

- R basics: vectors, matrices, lists, data frames, data import, functions, apply() family, packages.

- Preprocessing in R: tidyverse, merging and reshaping data.

- Descriptive statistics and data visualization in R: ggplot2, R Markdown, Quarto.

- Statistical inference: parameter estimation and null hypothesis significance testing.

- t-test, correlation, ANOVA, linear regression.

- Non-parametric statistical tests, model diagnostics, power analysis.

- General linear model, generalized linear model, mixed effects model.

- Data clustering and PCA.

Oksana Korzhavina, CEO Blastim
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