  

**TECNOLÓGICO NACIONAL DE MÉXICO**

**INSTITUTO TECNOLÓGICO DE TIJUANA**

**SUBDIRECCIÓN ACADÉMICA**

**DEPARTAMENTO DE SISTEMAS Y COMPUTACIÓN**

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**CARRERA**

INGENIERÍA INFORMÁTICA

**MATERIA**

MINERÍA DE DATOS

**UNIDAD 2**

TAREA 4

**ALUMNOS Y NO. DE CONTROL**

ANAHI ESTRADA CASILLAS 15212154

LILIA ROSALES IBARIAS 15212165

**DOCENTE**

DR. CHRISTIAN ROMERO HERNANDEZ

**ENTREGA**

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Split Data splits data into testing and training. Divide vector X data into two sets in a predefined relationship while preserving the relative relationships of different labels in X.

Use

|  |
| --- |
| sample.split( Y, SplitRatio = 2/3, group = NULL ) |

Fitting Linear Models, lm (). It is used to fit linear models. It can be used to perform regression, single-stratum analysis of variance, and covariance analysis (although aov may provide a more convenient interface for these).

Use

|  |
| --- |
| lm(formula, data, subset, weights, na.action,  method = "qr", model = TRUE, x = FALSE, y = FALSE, qr = TRUE,  singular.ok = TRUE, contrasts = NULL, offset, ...) |

REFERENCES

R-core R-core@R-project.org. (n. d.). lm function. Retrieved 28 May 2020, from <https://www.rdocumentation.org/packages/stats/versions/3.6.2/topics/lm>

Khachatryan, H. (n.d.). sample.split function | R Documentation. Retrieved May 28, 2020, from <https://www.rdocumentation.org/packages/caTools/versions/1.17.1/topics/sample.split>