**MULTIPLE LINEAL REGRESSION**

**Ejercicio 1:** Se realizó un estudio a 12 estudiantes para ver cómo influyen las calificaciones del examen y el número de clases que los estudiantes pierden en la calificación de la materia de estadística. Los datos son:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Estudiante** | **Calificación de estadística** | **Calificación del examen** | **Clases perdidas** |  |  |  |  |  |
| 1 | 85 | 65 | 1 |  |  |  |  |  |
| 2 | 74 | 50 | 7 |  |  |  |  |  |
| 3 | 76 | 55 | 5 |  |  |  |  |  |
| 4 | 90 | 65 | 2 |  |  |  |  |  |
| 5 | 85 | 55 | 6 |  |  |  |  |  |
| 6 | 87 | 70 | 3 |  |  |  |  |  |
| 7 | 94 | 65 | 2 |  |  |  |  |  |
| 8 | 98 | 70 | 5 |  |  |  |  |  |
| 9 | 81 | 55 | 4 |  |  |  |  |  |
| 10 | 91 | 70 | 3 |  |  |  |  |  |
| 11 | 76 | 50 | 1 |  |  |  |  |  |
| 12 | 74 | 55 | 4 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Estudiante** | **Calificación de estadística** | **Calificación del examen** | **Clases perdidas** |  |  |  |  |
| 1 | 85 | 65 | 1 |  |  |  |  |
| 2 | 74 | 50 | 7 |  |  |  |  |
| 3 | 76 | 55 | 5 |  |  |  |  |
| 4 | 90 | 65 | 2 |  |  |  |  |
| 5 | 85 | 55 | 6 |  |  |  |  |
| 6 | 87 | 70 | 3 |  |  |  |  |
| 7 | 94 | 65 | 2 |  |  |  |  |
| 8 | 98 | 70 | 5 |  |  |  |  |
| 9 | 81 | 55 | 4 |  |  |  |  |
| 10 | 91 | 70 | 3 |  |  |  |  |
| 11 | 76 | 50 | 1 |  |  |  |  |
| 12 | 74 | 55 | 4 |  |  |  |  |
|  |  |  |  |  |  |  |  |