**Simple Linear Regression**

**Ejercicio 1:** Se desea realizar un estudio para predecir la reducción de la demanda de oxígeno en cuerpos de agua en función de la concentración de sólidos disueltos en el agua.

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| Reducción  de sólidos | 3 | 7 | 11 | 15 | 18 | 27 | 29 | 30 | 30 | 31 | 31 | 32 | 33 | 33 | 34 | 36 | 36 | 36 | 37 | 38 | 39 | 39 | 39 | 40 | 41 | 42 | 42 | 43 | 44 | 45 | 46 | 47 | 50 |
| Reducción de la demanda de oxígeno | 5 | 11 | 21 | 16 | 16 | 28 | 27 | 25 | 35 | 30 | 40 | 32 | 34 | 32 | 34 | 37 | 38 | 34 | 36 | 38 | 37 | 36 | 45 | 39 | 41 | 40 | 44 | 37 | 44 | 46 | 46 | 49 | 51 |
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