

It has happened. Aliens have arrived. They hail from a planet called Valhalla-23, where the temperature is measured in Valks. These visitors tell you that they have come to solve Earth's global warming crisis\*. They offer you a machine that will solve the problem, but they warn you:

1. The machine must be set up in Valks.
2. If you input a wrong temperature value, you may end up freezing or scorching the Earth.
3. No one knows how to transform between Celsius and Valks.

You are tasked with finding a model for solving this problem, so you ask Humans and Valkians to collect temperature readings from several objects. The data are given in the Valhalla23.csv file.

**Will you become Earth's savior? Or will you obliterate life?**

*The choice is yours...*

## ✓ Cargamos y vemos los datos

```
import pandas as pd
import matplotlib.pyplot as plt
import numpy as np
import random
from sklearn.model_selection import train_test_split
from sklearn.linear_model import SGDRegressor
from sklearn.preprocessing import StandardScaler
from sklearn.metrics import mean_squared_error, r2_score

df = pd.read_csv("Valhalla23.csv")
x = df["Celsius"]
y = df["Valks"]

print(df.head())
print("")
print(df.info())
```