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(Nuevo) Prueba la API de Gemini

- Generate a Gemini API key
- Talk to Gemini with the Speech-to-Text API
- Gemini API: Quickstart with Python
- Gemini API code sample
- Compare Gemini with ChatGPT
- More notebooks

```
p1 = (5.4, 3.2)
p2_i = (9.5, 0.7)
p3 = (12.3, -3.6)
```

```
import numpy as np
import matplotlib.pyplot as plt
from ipywidgets import interact

p1 = (5.4, 3.2)
p2_i = (9.5, 0.7)
p3 = (12.3, -3.6)

def update_plot(p2_x, p2_y):
    p2 = (p2_x, p2_y)

    x_coords = [p1[0], p2[0], p3[0]]
    y_coords = [p1[1], p2[1], p3[1]]

    coef = np.polyfit(x_coords, y_coords, 1)

    plt.figure(figsize=(10, 6))
    plt.scatter(x_coords, y_coords, color="red", label="Puntos")

    x_line = np.linspace(min(x_coords), max(x_coords), 100)
    y_line = m * x_line + b
    plt.plot(x_line, y_line, color="blue", label=f"Recta: y = {m:.2f}x + {b:.2f}")

    plt.xlabel("X")
    plt.ylabel("Y")
    plt.title("Puntos y Recta de Regresión Lineal")
    plt.legend()

    plt.show()

_ = interact(update_plot, p2_x=(5.5, 12.3, 0.1), p2_y=(-10.0, 10.0, 0.1))
```

p2_x 12.30

p2_y 10.00