The Scottish Government publishes annual energy consumption data for all 32 council areas in Scotland. This dataset captures usage from **2005 to 2020**, covering a variety of **energy types** (e.g., Electricity, Gas, Coal, Petroleum Products) and **energy consuming sectors** (e.g., Domestic, Transport, Public Sector, Industrial & Commercial).

This project aims to uncover meaningful insights into Scotland’s energy usage, sectoral demand, and changes over time. The outcome should support policy recommendations, sustainability planning, and energy efficiency assessments.

You are required to conduct a full analysis of this dataset and produce a comprehensive report supported by visual evidence. While Excel or LibreOffice Calc are commonly used for this type of analysis, you may choose **any appropriate tools**, including **Python, R, Power BI, or Google Sheets**, depending on your technical confidence and preference.

**Key Points:**

* The goal is to analyze energy consumption data across Scotland’s 32 councils from 2005–2020.
* Identify patterns, trends, and insights that inform sustainability and energy policy.
* You are required to deliver:
  1. A comprehensive **written report**
  2. A **presentation deck**
  3. The **supporting tool file** (Excel, Python, Power BI, etc.)
* Tools: Excel, Google Sheets, Python (Pandas), Power BI, R, or LibreOffice.