**Global Sustainability and Development Analysis Project Overview**

You are working as a Data Analyst for an international development organization 🌏. Your team needs to analyze global development trends and create a comprehensive report to inform policy recommendations and resource allocation.

Tasks

1. Data Preparation 🧹

* Download and connect to the WDI dataset 📥
* Select relevant indicators for your analysis
* Clean and structure the data appropriately
* Create calculated fields for trend analysis 📈
* Handle missing values and anomalies ❌

2. Exploratory Analysis 🔍

Create visualizations exploring at least four of these themes:

* 🎓 Education and literacy rates across regions
* 💰 Economic growth and inequality
* 🌱 Environmental sustainability metrics
* 🏥 Healthcare access and outcomes
* 📱 Technology adoption rates
* ⚖️ Gender equality indicators
* 🏙️ Urban development and infrastructure

Create at least 2 additional visualizations based on your own interests

3. Dashboard Creation 🖥️

* Create 3 interactive dashboards: 🌍
* Key development indicators by region
* Trend analysis over time
* Interactive filters for countries and years
* 🎯 Focus on two related themes (e.g., education and economic growth)
* Correlation analysis
* Comparative visualizations
* 🇺🇳 Detailed country-level analysis
* Benchmark comparisons
* Progress tracking towards development goals

4. Presentation 🎤

* Prepare a 10-minute presentation that includes:
* Major global trends identified 🌎
* Regional disparities and success stories 📊
* Policy recommendations 💡
* Areas requiring immediate attention 🚨
* Methodology and approach 🧑‍🏫

5. Deliverables 📦 (.twbx file) containing:

* All worksheets
* Three dashboards
* A story point presentation
* Properly labeled data sources
  + including:
  + Executive summary 📝
  + Key findings 📍
  + Policy recommendations 💬
  + Visualization highlights 📊
* Methodology overview 📚
  + covering:
  + Data preparation methodology 🧑‍💻
  + Indicator selection criteria ✔️
  + Statistical methods used 📉
  + Data limitations ⚠️
  + Future analysis recommendations 🔮

To pass your assignment you need to submit your work as well as present it in a live class, 1-1 student success manager or send a recording of your 5-10 min presentation to your Student Success Manager.