**Supplier Relationship Management & Supply Chain Efficiency in Abuja’s Manufacturing Sector**

**📑 Overview**

This repository contains the research, analysis, and findings of a study examining the role of **Supplier Relationship Management (SRM)** in improving **supply chain efficiency** among manufacturing firms in **Abuja, Nigeria**. Given the operational challenges in the sector — from unreliable supplier performance to rising operational costs — this study explores strategic SRM practices tailored to the local manufacturing context.

**🎯 Objectives**

The primary aim of this study is to evaluate how different SRM components impact supply chain performance within Abuja’s manufacturing sector. The focus areas include:

* Building **trust-based supplier relationships**
* Enhancing **information sharing** mechanisms
* Fostering **supplier collaboration in product development**

**❓ Research Questions**

The study addresses the following core questions:

1. **To what extent do trust-based relationships impact supply chain efficiency of manufacturing firms in Abuja?**
2. **How does information sharing influence supply chain efficiency in the sector?**
3. **What is the effect of supplier collaboration in product development on operational performance?**

**📌 Background**

Globally, Supplier Relationship Management has been instrumental in driving competitiveness, operational efficiency, and product quality — especially in advanced economies like Germany and Japan. In contrast, Nigeria’s manufacturing sector has experienced **inconsistent SRM adoption** due to infrastructural, policy, and socio-economic barriers.

This study builds on global SRM principles and adapts them to the peculiarities of Abuja’s manufacturing environment, aiming to deliver practical recommendations for improving procurement processes, reducing lead times, and enhancing supplier reliability.

**📊 Data & Methodology**

* Descriptive statistics generated via **Python (Pandas, Seaborn)** for trust-based relationship variables and supplier collaboration indicators.
* Analysis of primary data collected from manufacturing firms operating within Abuja’s industrial zones.
* Focus on variables like supplier trust, cooperation, intentional development, and product development partnerships.

**📈 Key Findings (Coming Soon)**

This section will summarize insights on how SRM practices influence operational efficiency, with visualizations and descriptive statistics from the study.