# Supply Chain Agent Project - Requirements

This document lists the Python package dependencies required to run the Supply Chain Agent (PoC).

Store this file as requirements.docx inside your project folder for reference.

## Required Python Packages

* streamlit - For building the interactive frontend app.
* pandas - For handling CSV/Excel data.
* numpy - For numerical computations and KPIs.
* python-docx - For reading Word (.docx) documents.
* openpyxl - For reading Excel (.xlsx) files.

## Optional / Recommended

* watchdog - Improves file change detection performance in Streamlit (recommended on Mac).

## Installation Instructions

1. Activate your virtual environment (already created with python -m venv .venv).

2. Run the following command inside your terminal:

pip install streamlit pandas numpy python-docx openpyxl watchdog

3. Verify installations with 'pip list' or 'pip show <package-name>'.

4. Run your app with:

streamlit run app.py