

Overview

DALLAS

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Topic

Topic



 $\hbox{U.S. Trade with China and related U.S. Multinational Corporations (MNCs) Database} \\$

Database Purpose

Database Purpose



▶ Aims to serve people interested in U.S.-China trade relations in the 21st century.

People could utilize this database to explore how U.S.-China trade relations change, the connection between U.S.-China trade and the GDP change of the two countries, and how U.S.-China trade relations affect U.S. multinational corporations (MNCs).

Introduction

Introduction



U.S.-China Trade

- ≥ 20th century: trade relation started in 1971. The trade volume began to grow since 1979.
- ► In 2001, China's entry into the World Trade Organization (WTO) changed China's economy to an export-driven pattern (Wang 2013).
- Ist decade of the 21st century: U.S.-China trade relations have expanded rapidly. The U.S. has become the largest destination for China's exports since 2000 (Shen et al. 2020).
- ▶ In 2010, China became the 2nd largest economy according to GDP and is regarded as the biggest competitor and challenger by the U.S.
- ▶ The 2018 U.S.-China trade war has worsened U.S.-China trade relations.
- Post pandemic period: trade volume begins to rebound.

Introduction



MNCs and Global Value Chains (GVCs)

- ➤ Since the 1980s, with the development of globalization, multinational corporations (MNCs) have begun allocating resources and organizing production activity worldwide (Cui Liu, 2019: p. xvii).
- ▶ The fragmentation of production across countries and the growth of connections between firms powered the rise of global value chains (GVCs). GVCs account for almost 50% of global trade today (The World Bank, 2019).
- ► However, state governments might raise tariffs or impose nontariff barriers (NTBs) to protect domestic firms while the MNCs highly related to GVCs are the direct sufferers (Kenton 2020).

Database Content

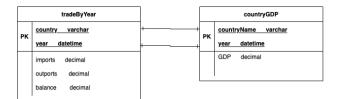
Database Content



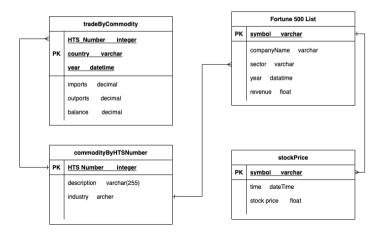
This database includes four categories of data:

- 1. The U.S.-China trade data in the 21st century, including the imports, exports, and trade balance, by commodity and general;
- 2. The GDP of U.S. and China in the 21st century;
- 3. Fortune 500 company list their company name, industry, revenue;
- 4. The stock data of fortune 500 companies.

Schema







Method

Method



► The database is relational database (SQL database).

▶ PostgreSQL will be utilized to accomplish the database.

References

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Data Resources



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