**Project Title: Subterranean Living Solutions: Homes for Underground Enthusiasts**

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**GitHub URL: https://github.com/chaitanyaanurag/database**

**SQL Environment: SQL Environment: Windows**

**Part 1**

**Business Description:**

Subterranean Living Solutions (SLS) specializes in the design and construction of unique, sustainable, and eco-friendly underground homes. Catering to a niche market of underground living enthusiasts, SLS offers dwellings that combine the comfort of a modern home with the advantages of underground construction, such as natural insulation, energy efficiency, and an unobtrusive footprint on the landscape.

**Estimated Company Size:**

* People: 150 employees, including architects, construction workers, supply chain managers, and office staff.
* Locations: Primary headquarters in Austin, Texas, with operations in 5 major cities across the U.S.

**Supply Chain:**

1. **Raw Materials:**

* Reinforced Concrete: Used for creating sturdy walls and foundations for the underground structures.
* Soil-Stabilizing Agents: These materials prevent soil erosion and ensure the stability of the underground dwelling.
* Green Roofing Materials: For the top layer of the underground home, allowing for natural vegetation to grow and blend the home seamlessly with the surrounding landscape.

1. **Material Sources:**

* Reinforced Concrete:

1. Austin Ready-Mix Concrete Suppliers, Austin, TX
2. Dallas Concrete Solutions, Dallas, TX

* Soil-Stabilizing Agents:

1. Terrafix Geosynthetics Inc., Houston, TX
2. SoilStabilization Innovations, San Antonio, TX

* Green Roofing Materials:

1. Green Roof Outfitters, San Antonio, TX
2. LiveRoof Global LLC, Dallas, TX
3. **Primary Office and Operation Cities:**

* Primary Office: Austin, Texas
* Cities of Operation: Austin, Dallas, Houston, San Antonio, Phoenix, and Denver.

**Part 2:**

**Network Model Diagram:**

A diagram of a computer network

Description automatically generated