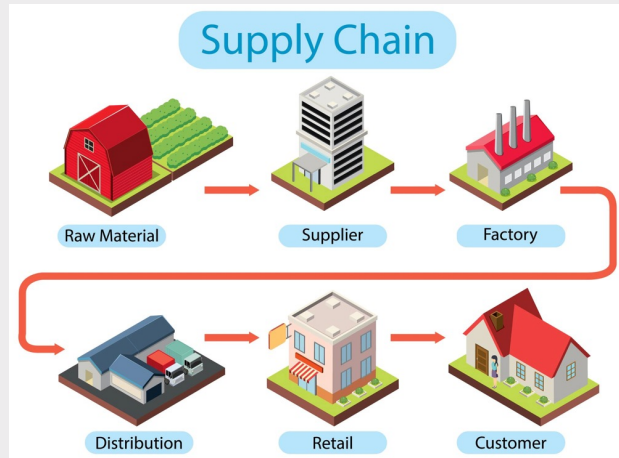# Feedback

Feedback to Team 3 (Supply Chain):

- Still, it looks like a class assignment or final project for a course. Need to find something to make the project more impressive and interesting.

- Do understand the team put a lot of efforts to collect data, clean the data, …. But these are very standard in data science.

- Need to think from users' point of view – find a nail (problem) first and then find a hammer (solution) 1. Potential User scope

- Maybe one function the team can consider is how to resolve the differences between suggested supply chain by machine learning (i.e. model and data driven approach) and hand crafted supply chain (i.e. such as the approach by Bloomberg)

A real world problem: Why is supply chain important?

- **Project's scope** : who needs supply chain data for analysis in depth

Expert Investors
➤ Profitability Improvement
➤ Better decision making on investment

Consulting firms/other firms
➤ Boost Customer Service
➤ Reduce Operating Costs
➤ Profitability Improvement

Policy-maker
➤ Healthy Supplier relationships
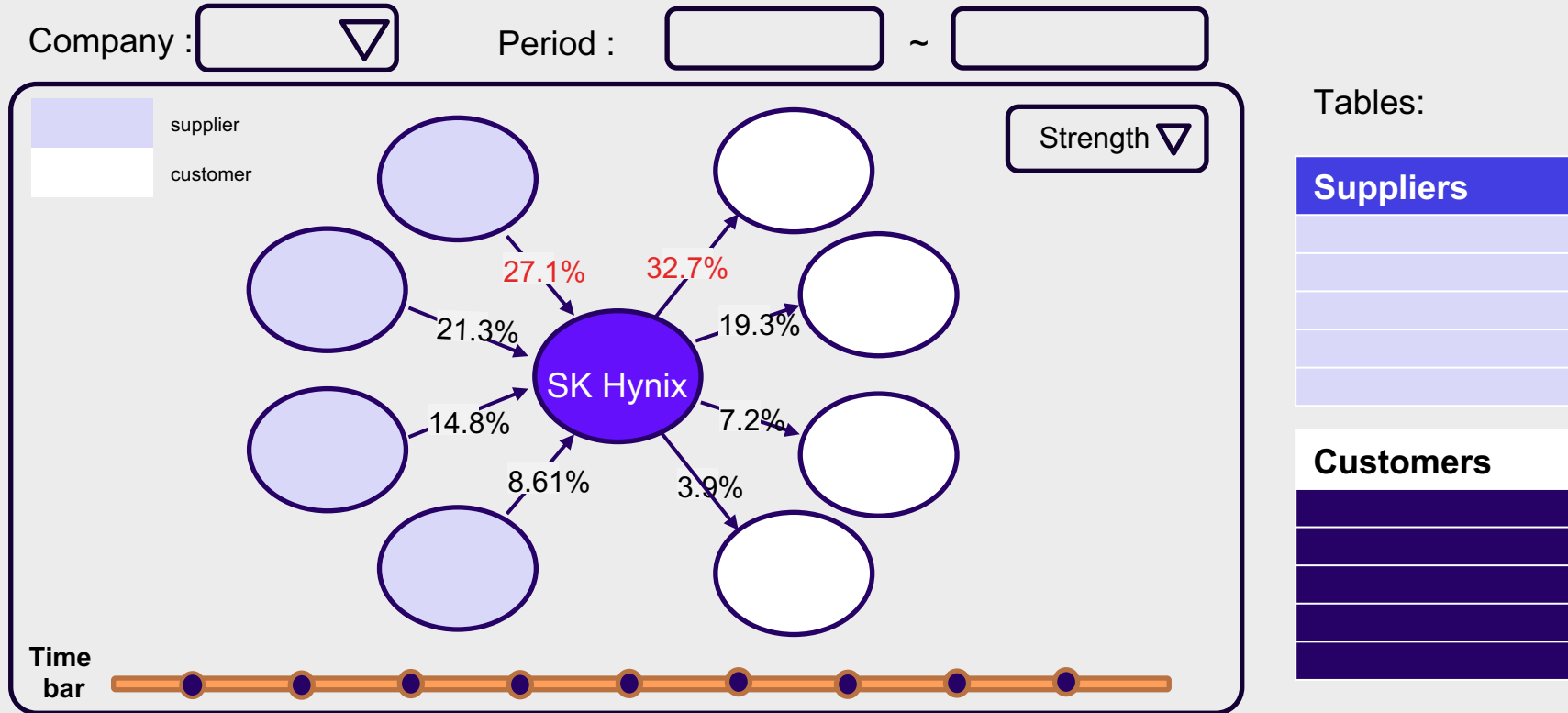➤ Better economic policy decision
➤ Predict crisis earlier

New Scope

A real world problem: Why is supply chain important?

- **Project's scope** : who needs **supply chain data for analysis in depth**

Expert Investors	➢ Profitability Improvement ➢ Better decision making on investment

Raw data for analysis guaranteeing somewhat degree of freedom — **Raw json file API**

Consulting firms/other firms	➢ Boost Customer Service ➢ Reduce Operating Costs ➢ Profitability Improvement

Tracking supply chain data of only interested company
But, in easy & readable way

Policy-maker	➢ Healthy Supplier relationsihps ➢ Better economic policy decision ➢ Predict crisis earlier

Tracking supply chain data of a small set of central companies
But, in easy & readable way

Time-tracking Graph change

NEEDs

Solution

Solution for Policy-maker/ firms (details)

Company : [▽] Period : [ ] ~ [ ]

supplier
customer

Strength ▽

27.1% 32.7%

21.3% 19.3%

SK Hynix

14.8% 7.2%

8.61% 3.9%

Time bar

Tables:

Suppliers

Customers

Feedback

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2. human-in-the-loop process

- Maybe one function the team can consider is how to resolve the differences between suggested supply chain by machine learning (i.e. model and data driven approach) and hand crafted supply chain (i.e. such as the approach by Bloomberg)

Process for Human-In-The-Loop