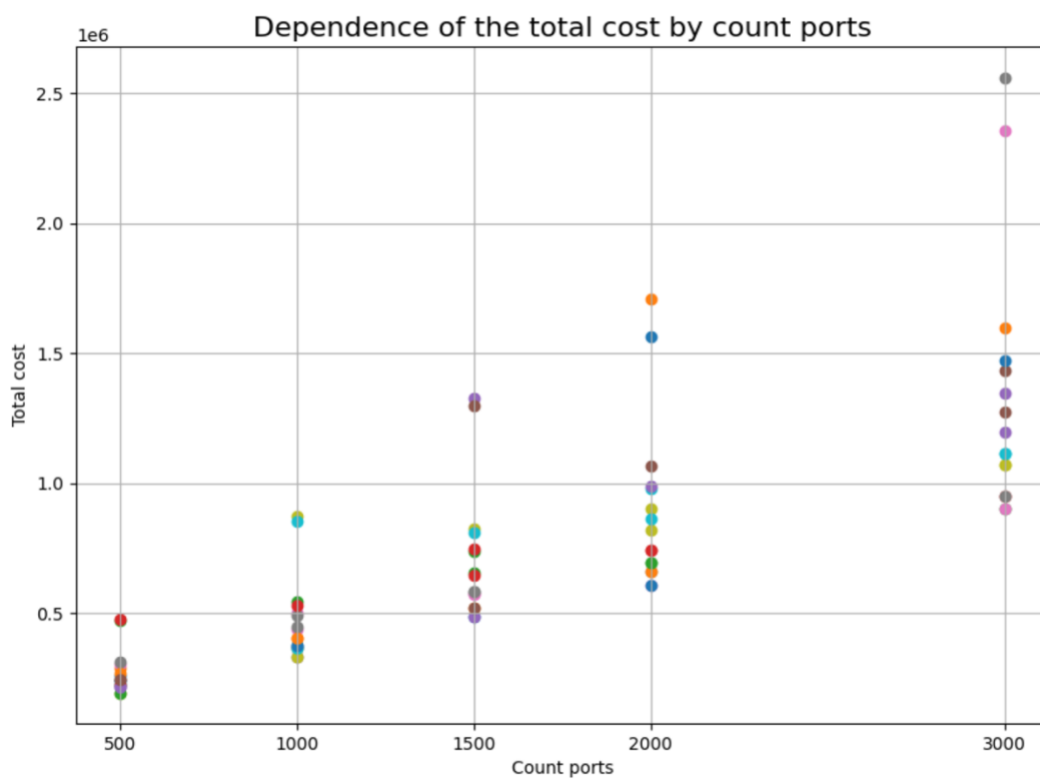
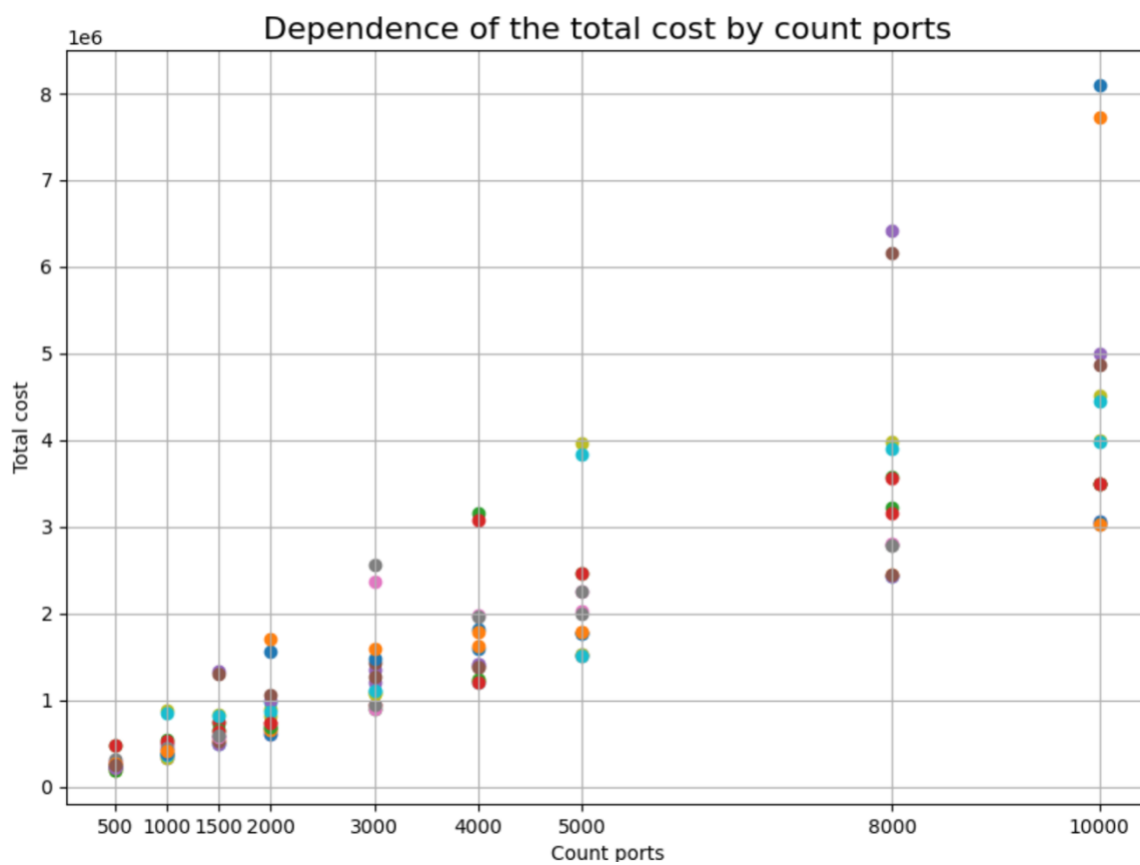


Структура файлов:

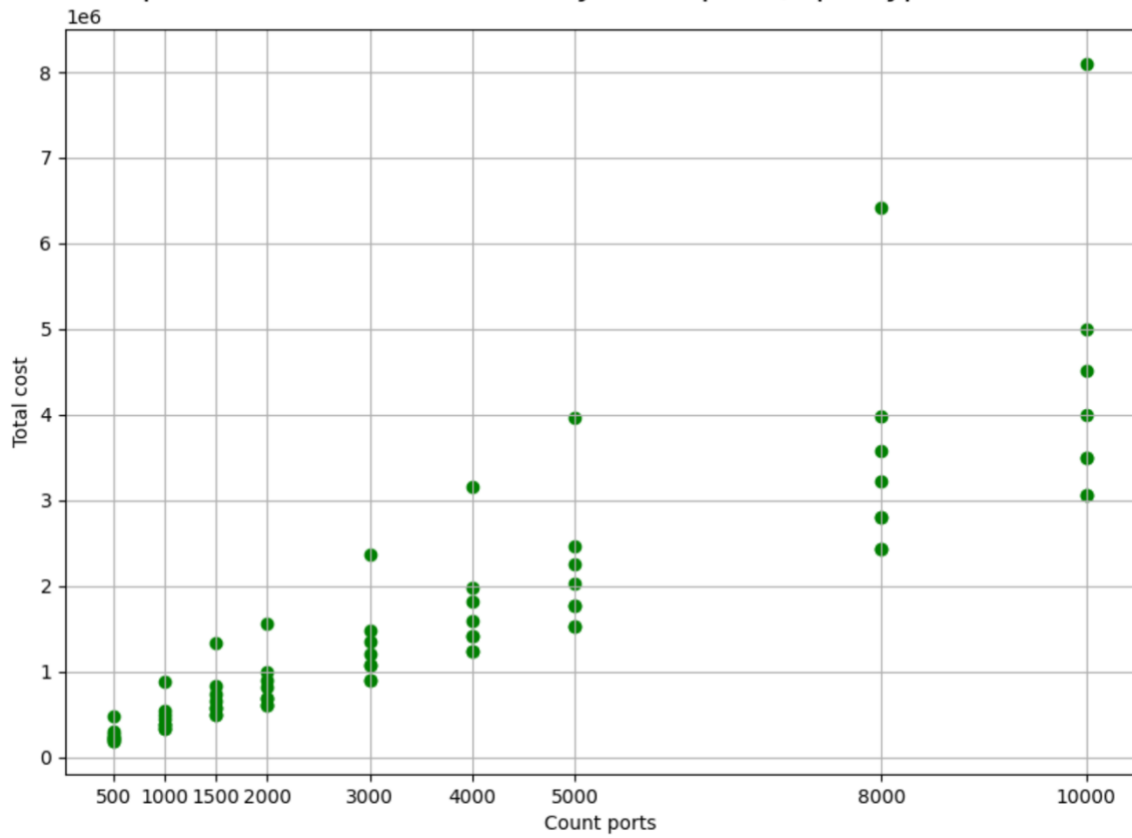
- Objects.py – константы, вспомогательные классы сущностей и т. д.
- Fabric_generator.py – генератор фабрики, вызывающий в т. ч. функции визуализации
- Graphics_visualizer.py – визуализатор графиков зависимости стоимости от различных параметров;
- Graph_visualizer.py – визуализатор графов, поддержана визуализация всех фабрик БЕЗ суперспайнов
- Result.txt – лог-файл, где расписаны все получившиеся фабрики и их характеристики

Скрипт генерирует все необходимые артефакты.

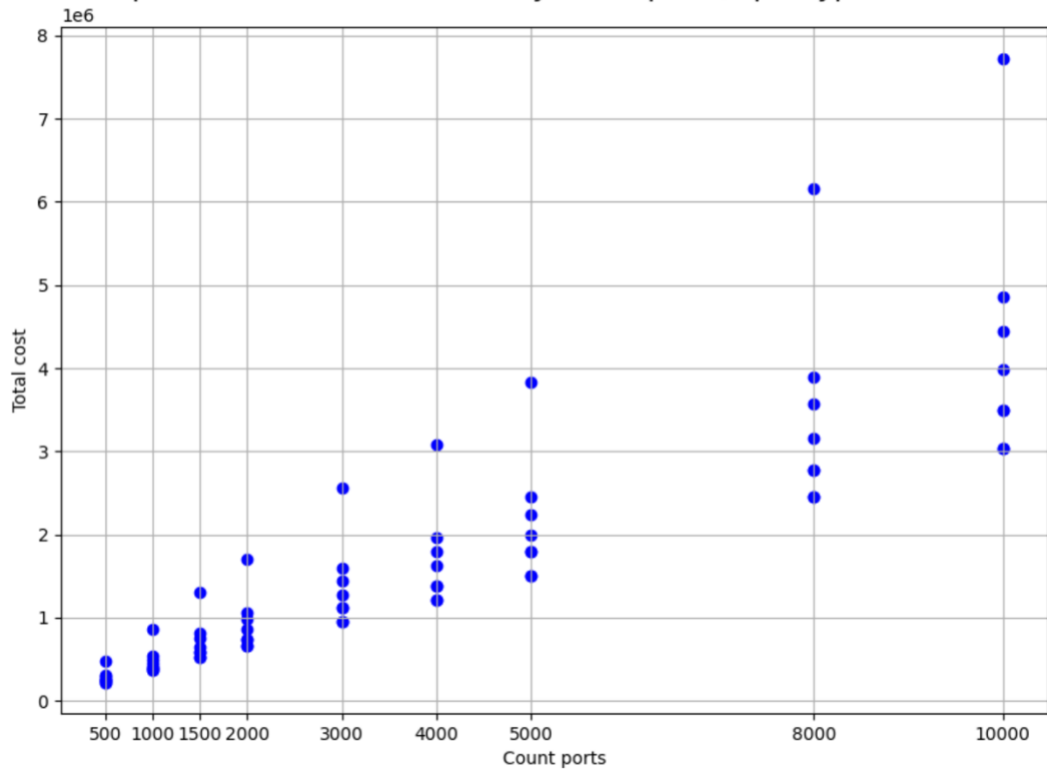
На следующей странице представлены некоторые примеры визуализации.

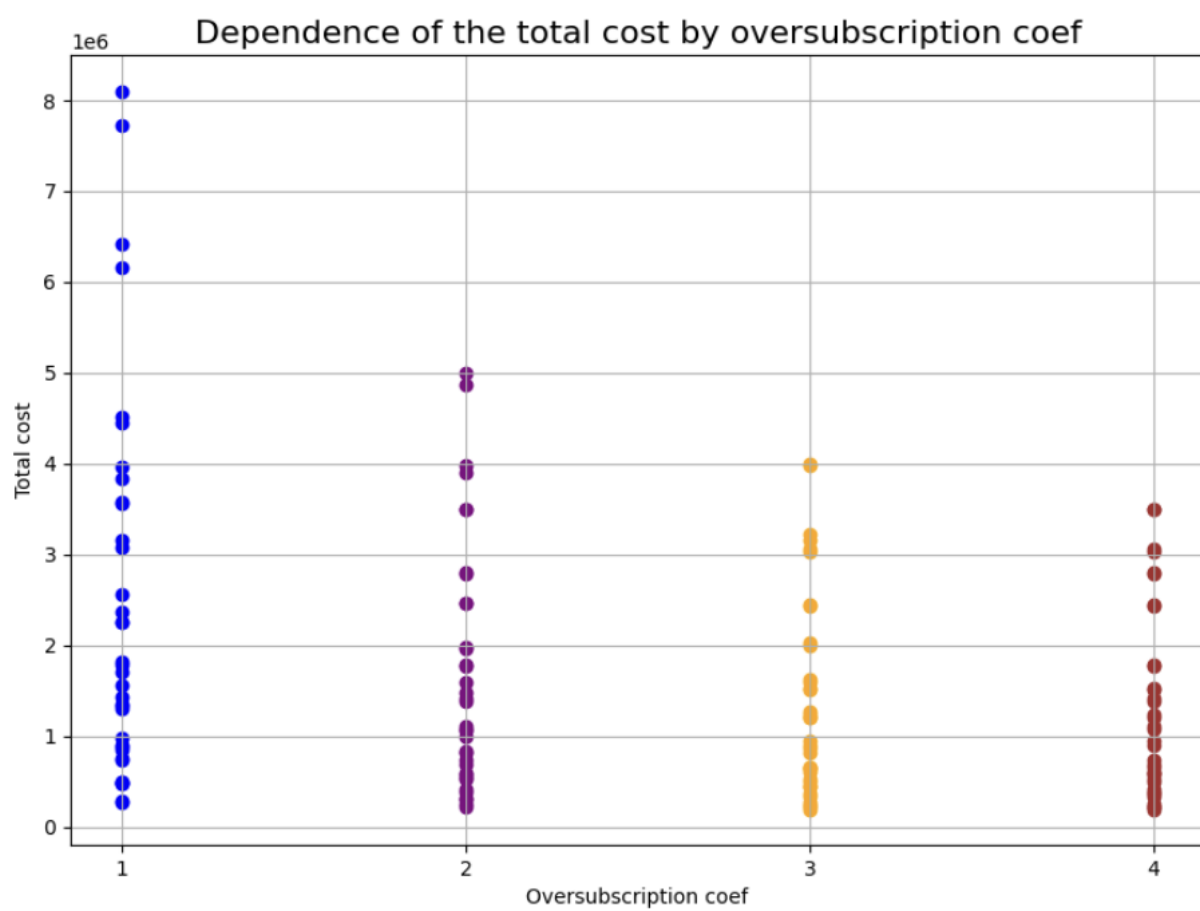


Dependence of the total cost by count ports, spin type: 32x100G

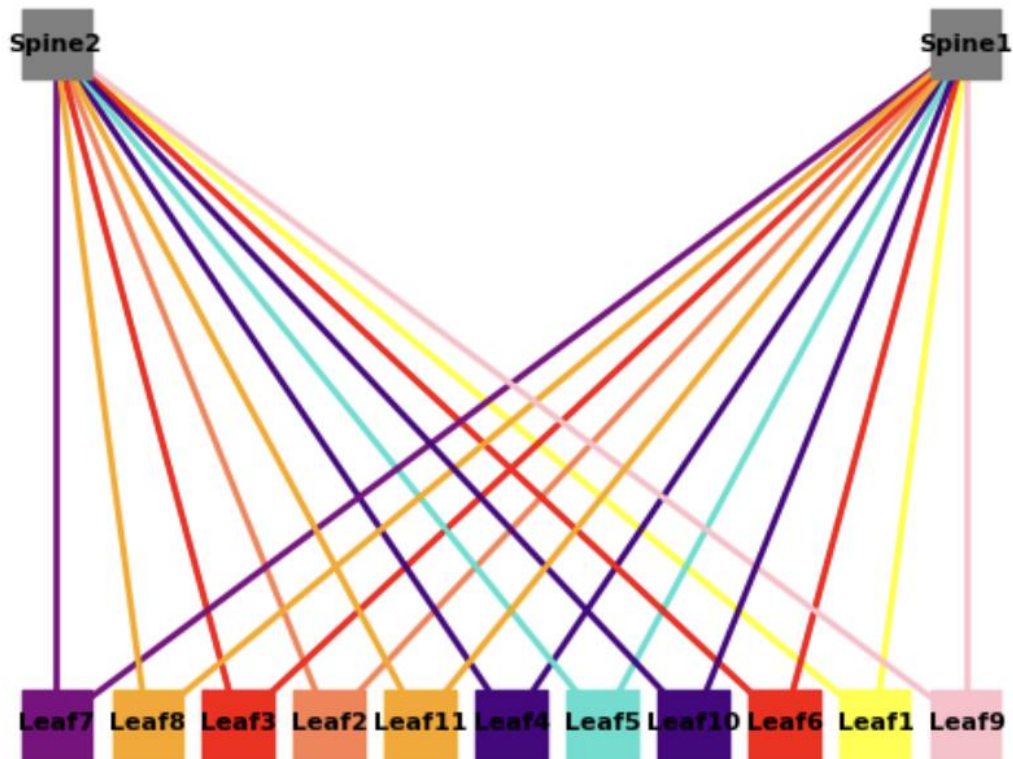


Dependence of the total cost by count ports, spin type: 64x100G

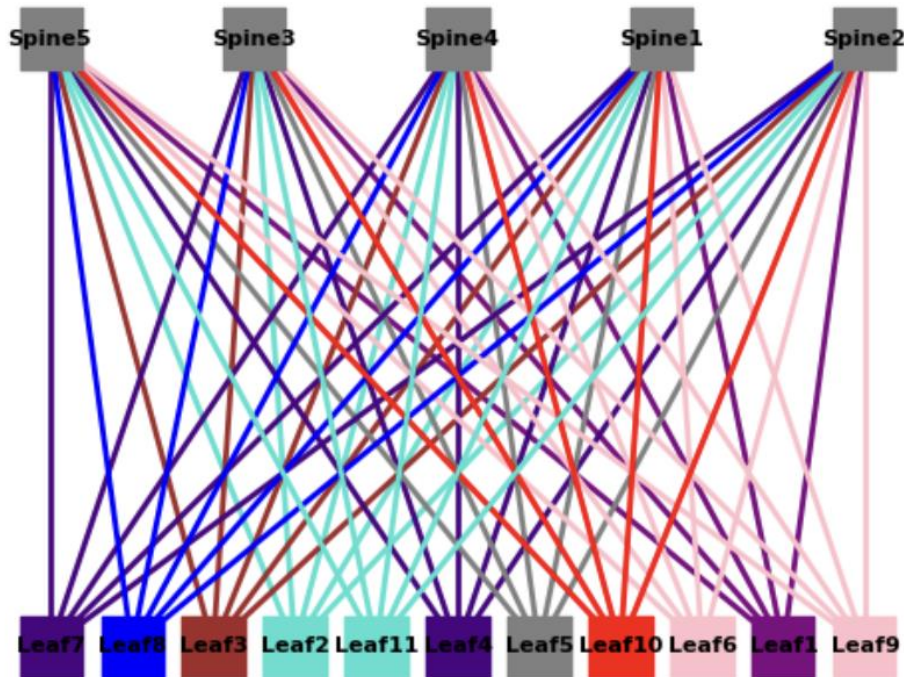




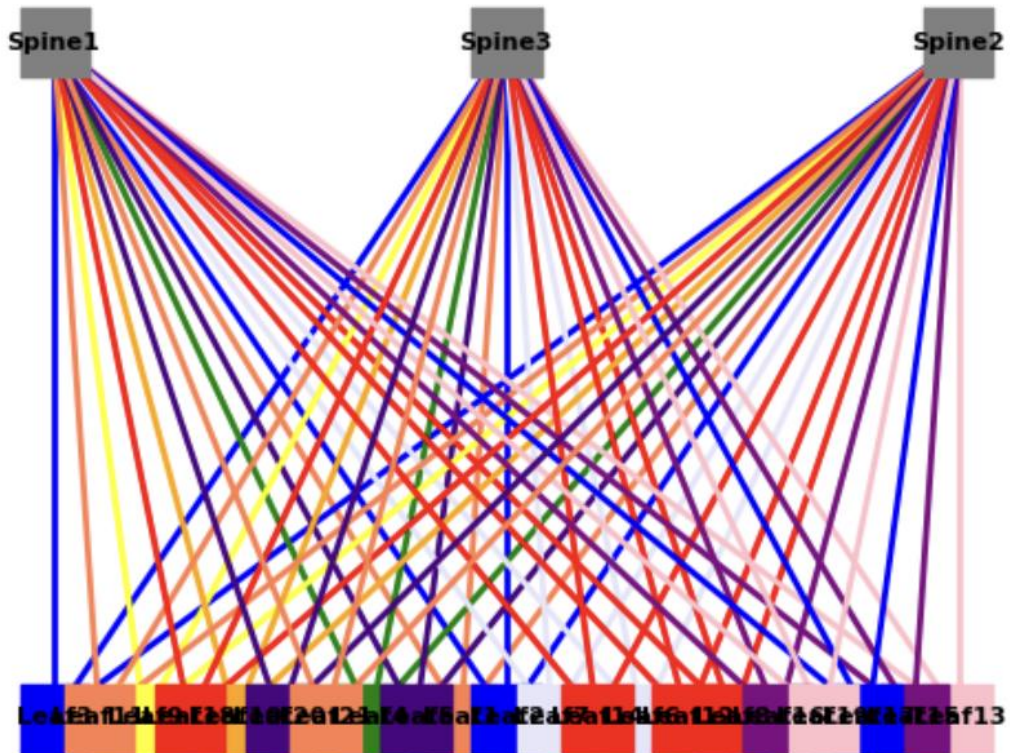
Fabric Data Center, Ports: 500; Leafs: 11 [48x10G]; Spines: 2 [32x100G]; Oversub coeff: 1; Total cost: 260000



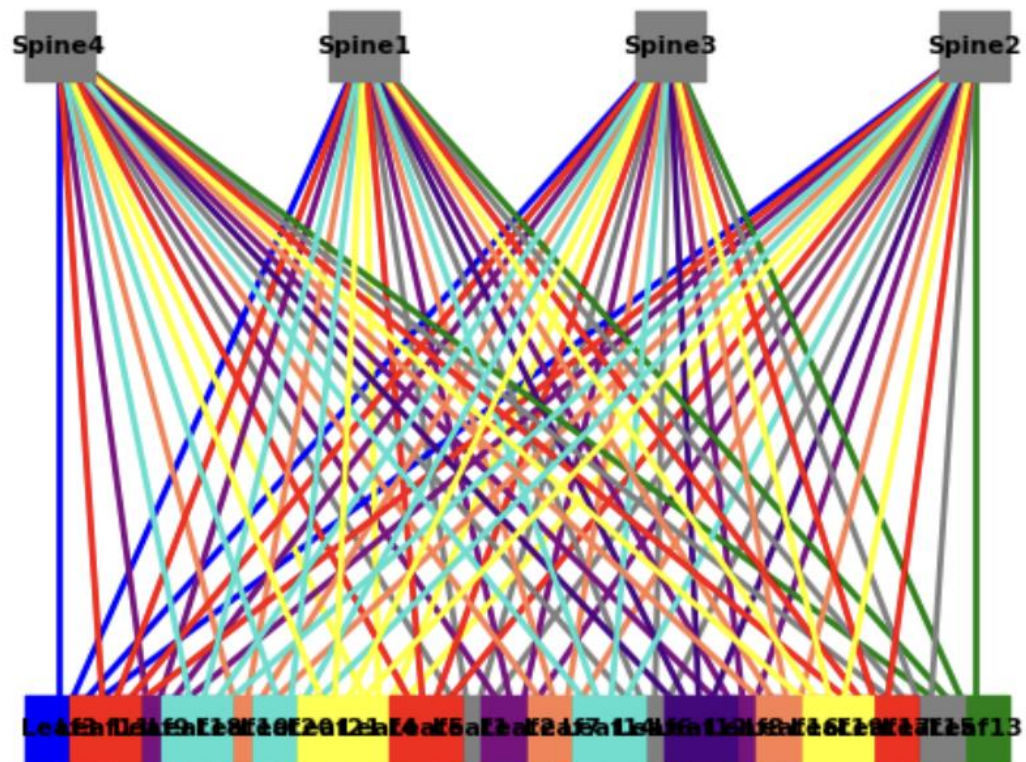
Fabric Data Center, Ports: 500; Leafs: 11 [48x25G]; Spines: 5 [32x100G]; Oversub coeff: 1; Total cost: 474000



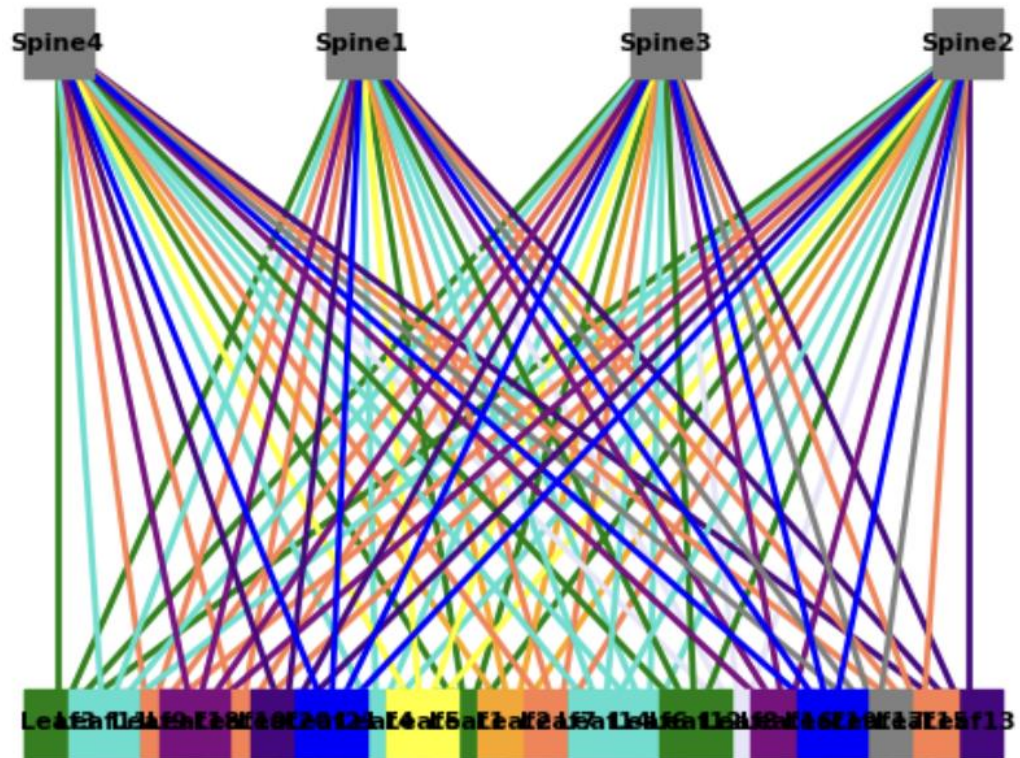
Fabric Data Center, Ports: 1000; Leafs: 21 [48x25G]; Spines: 3 [32x100G]; Oversub coeff: 3; Total cost: 438000



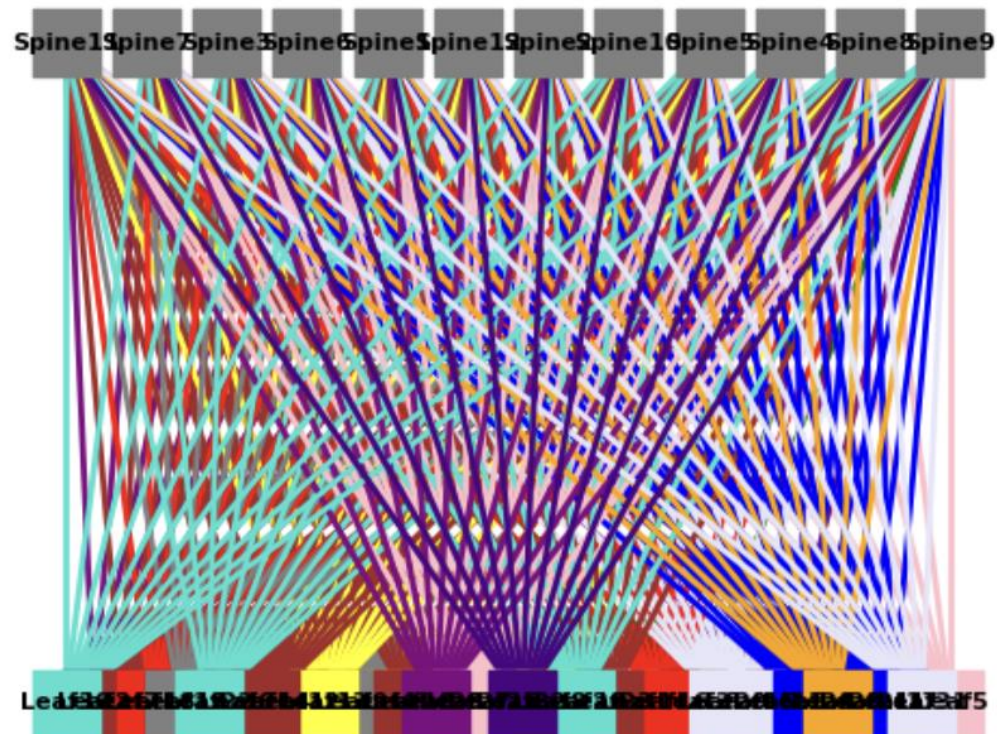
Fabric Data Center, Ports: 1000; Leafs: 21 [48x25G]; Spines: 4 [32x100G]; Oversub coeff: 2; Total cost: 542000



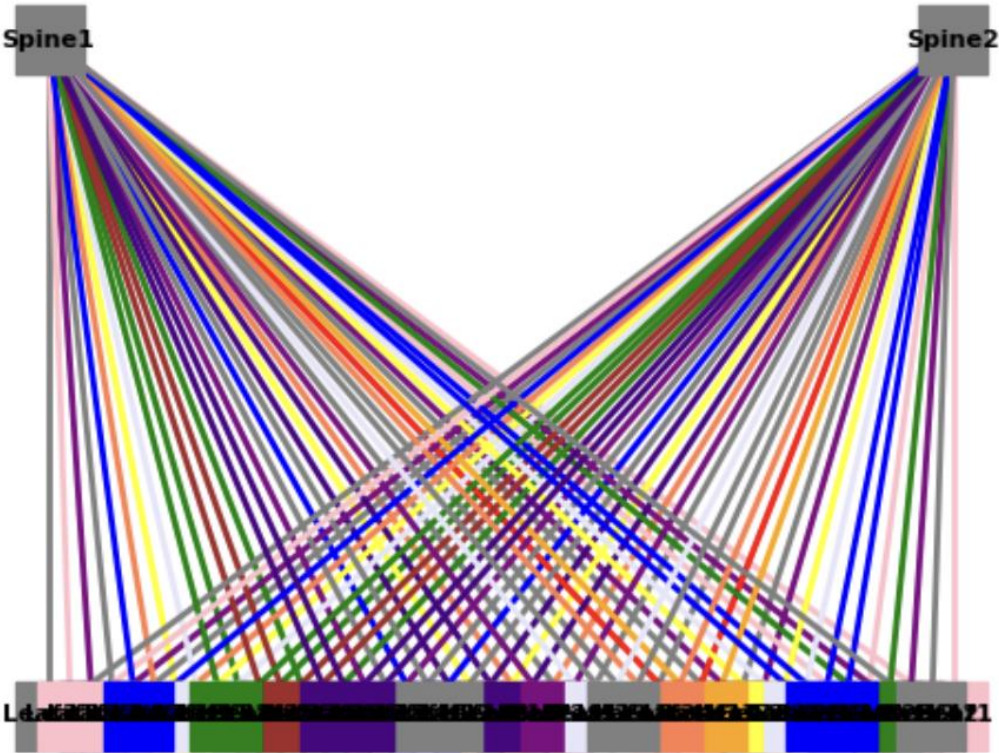
Fabric Data Center, Ports: 1000; Leafs: 21 [48x10G]; Spines: 4 [32x100G]; Oversub coeff: 1; Total cost: 500000



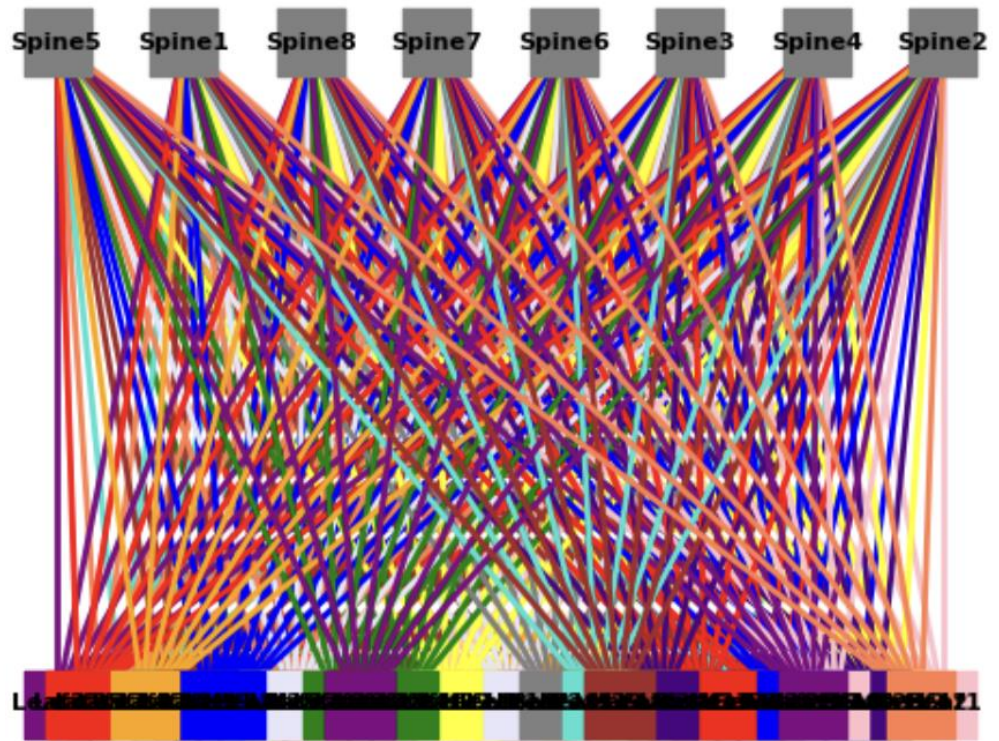
Fabric Data Center, Ports: 1500; Leafs: 32 [48x25G]; Spines: 12 [32x100G]; Oversub coeff: 1; Total cost: 1328000



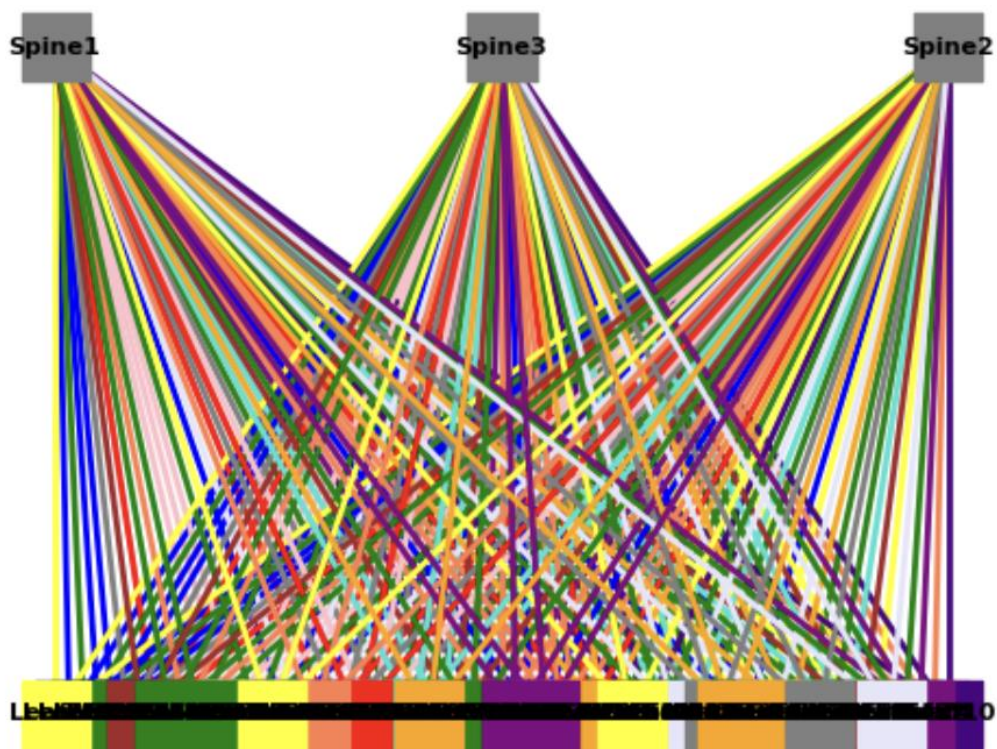
Fabric Data Center, Ports: 2000; Leafs: 42 [48x10G]; Spines: 2 [64x100G]; Oversub coeff: 4; Total cost: 658000



Fabric Data Center, Ports: 2000; Leafs: 42 [48x25G]; Spines: 8 [64x100G]; Oversub coeff: 1; Total cost: 1708000



Fabric Data Center, Ports: 3000; Leafs: 63 [48x25G]; Spines: 3 [64x100G]; Oversub coeff: 4; Total cost: 1113000



Fabric Data Center, Ports: 3000; Leafs: 63 [48x10G]; Spines: 5 [64x100G]; Oversub coeff: 1; Total cost: 1435000

