

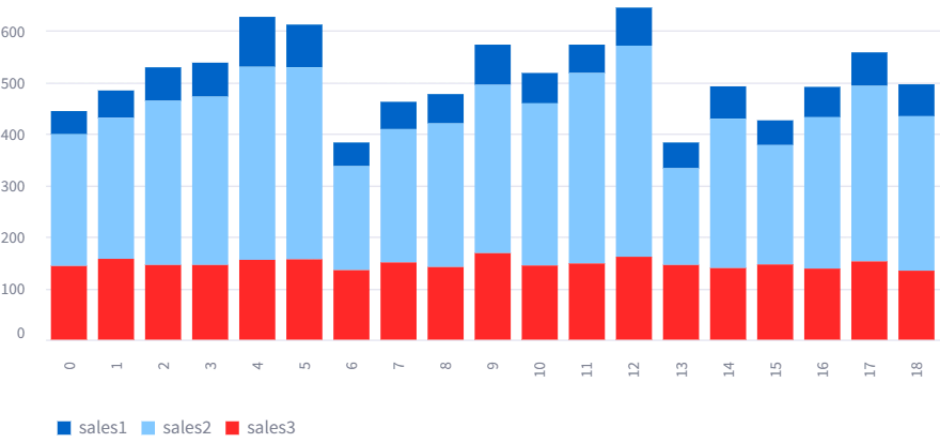
# Unit 3. Streamlit Simple chart

	sales1	sales2	sales3
0	45	256	145
1	53	274	156
2	65	319	145
3	66	327	145
4	97	375	156
5	83	373	156
6	46	202	134
7	53	259	156
8	57	279	145
9	78	327	167

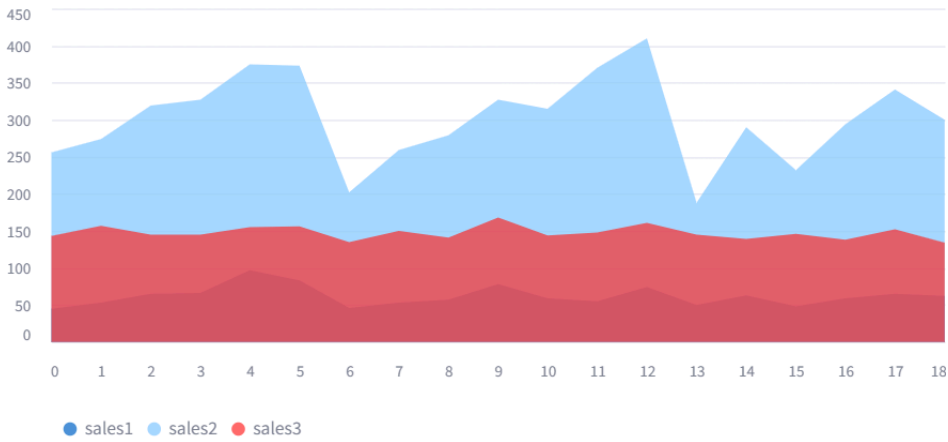
## 3-1. Simple Line chart



## 3-2. Simple Bar chart



## 3-3. Simple area chart



## Unit 4. Altair chart

원본 데이터

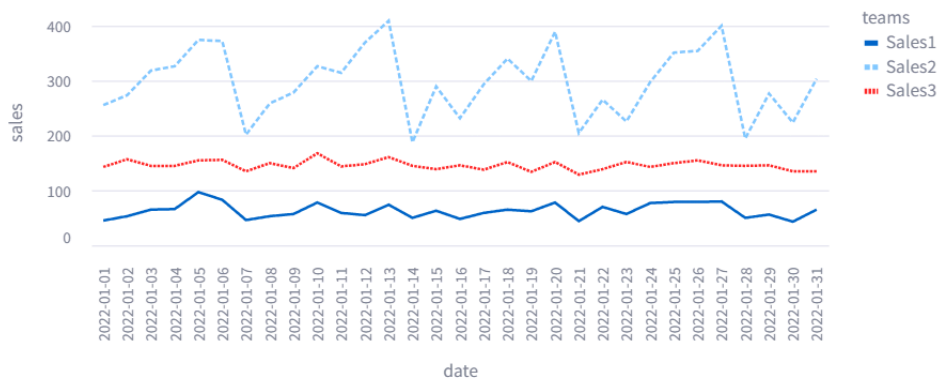
	date	Sales1	Sales2	Sales3
0	2022-01-01	45	256	145
1	2022-01-02	53	274	150
2	2022-01-03	65	319	145
3	2022-01-04	66	327	145
4	2022-01-05	97	375	150
5	2022-01-06	83	373	150
6	2022-01-07	46	202	135
7	2022-01-08	53	259	150
8	2022-01-09	57	279	145
9	2022-01-10	78	327	160

변경 데이터

	date	teams	sales
0	2022-01-01	Sales1	45
1	2022-01-02	Sales1	53
2	2022-01-03	Sales1	65
3	2022-01-04	Sales1	66
4	2022-01-05	Sales1	97
5	2022-01-06	Sales1	83
6	2022-01-07	Sales1	46
7	2022-01-08	Sales1	53
8	2022-01-09	Sales1	57
9	2022-01-10	Sales1	78

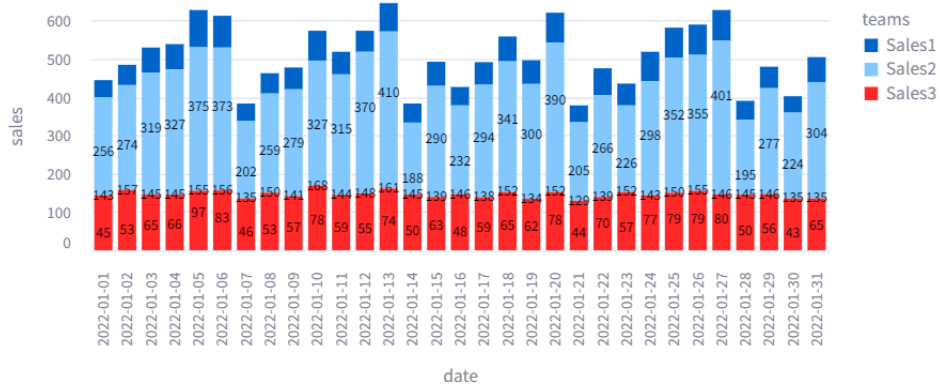
### 4-1. Altair Line chart

일별 팀 매출 비교

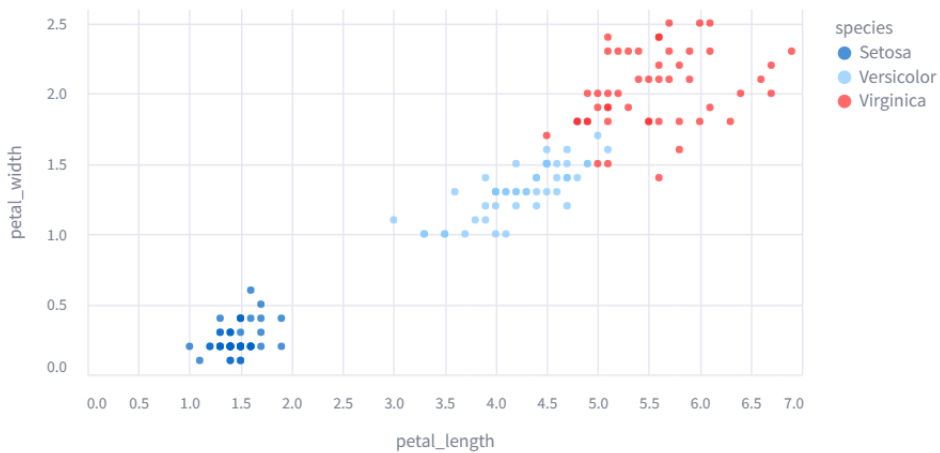


### 4-2. Altair Bar chart

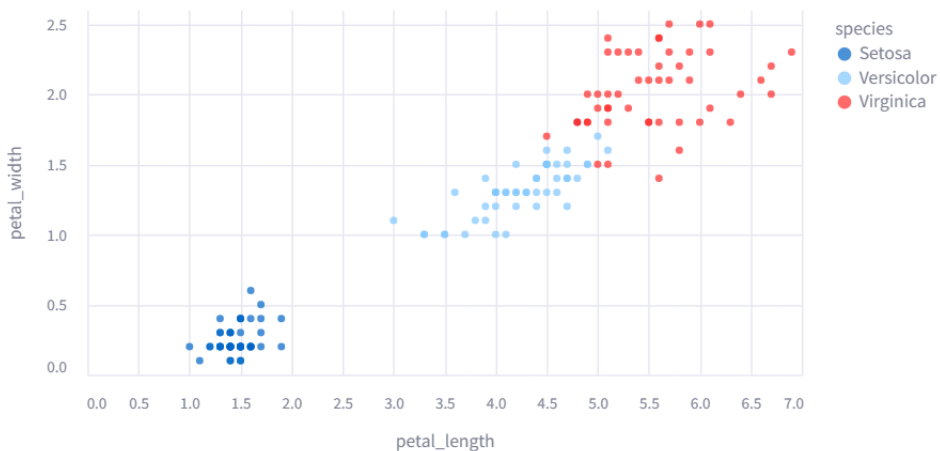
## 일별 매출



## 4-3. Altair Scatter chart



sepa,: 꽃받침, petal: 꽃잎

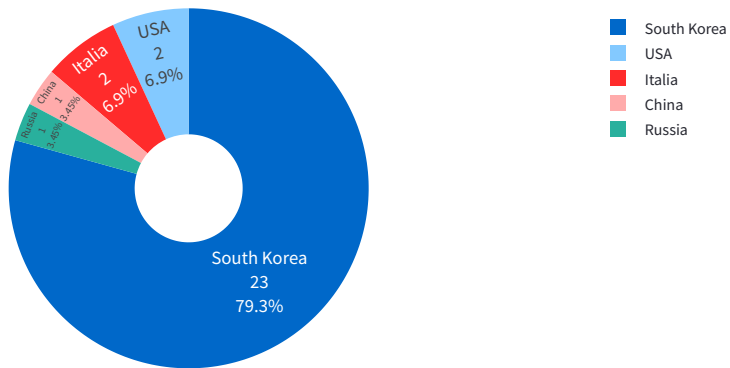


## Unit 5. Plotly chart

	nation	gold	silver	bronze
0	South Korea	23	9	7
1	USA	2	2	3
2	Italia	2	2	3
3	China	1	6	2
4	Russia	1	3	3

## 5-1. Plotly Pie/Donut chart

올림픽 양궁 금메달 현황



## 5-2. Plotly Bar chart

올림픽 양궁 메달 현황

