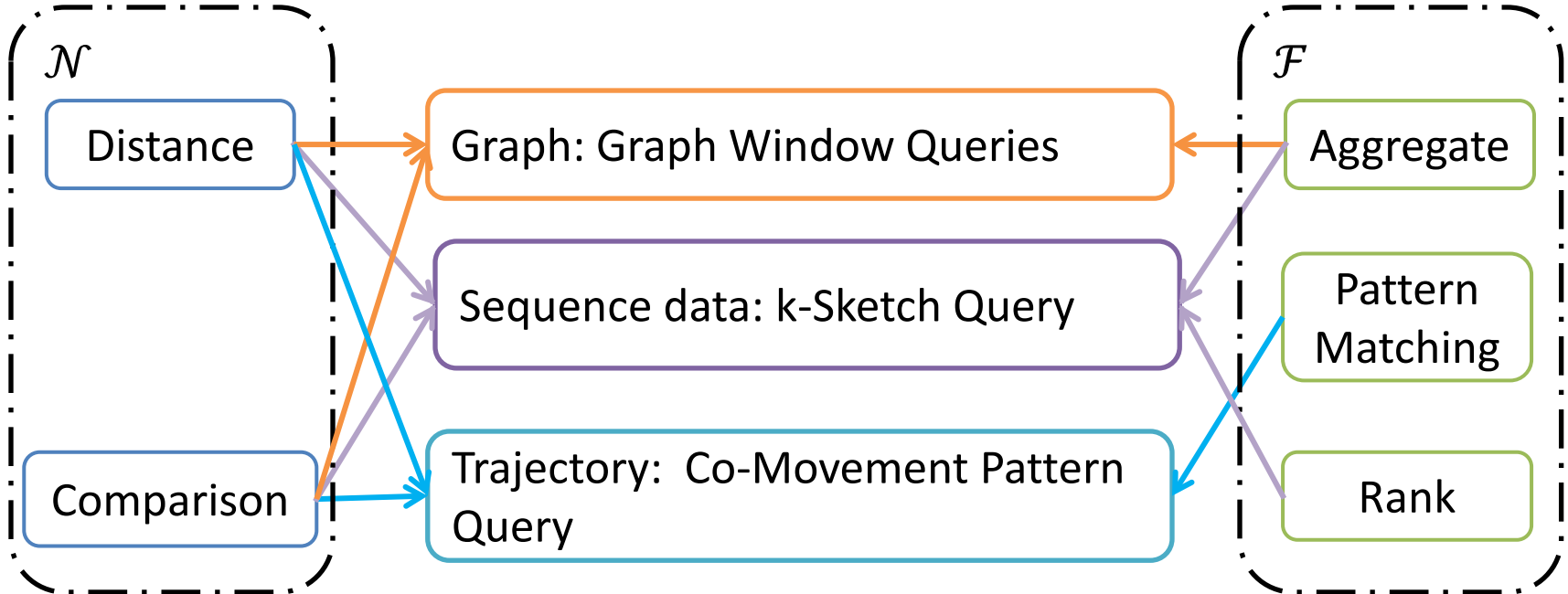


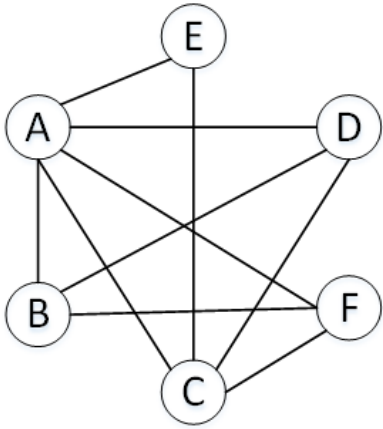
Season	Region	Sales	<i>sum()</i>	<i>avg()</i>
1	West	5100	5100	5100
2	West	5200	10300	5150
3	West	5200	15500	5166
4	West	4500	20000	5000
1	East	5000	5000	5000
2	East	4400	9400	4700
3	East	4800	14200	4733
4	East	5100	19300	4825

} Window of season 3

```
SELECT Season, Region, Sales,
sum(), avg(), OVER(PARTITION
BY Region
ORDER BY Season DESC)
FROM employee;
```

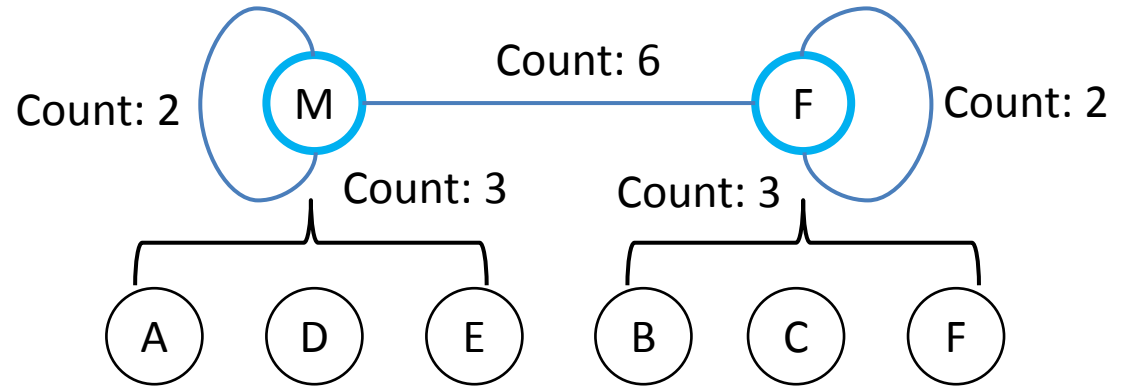
Neighborhood Analytics



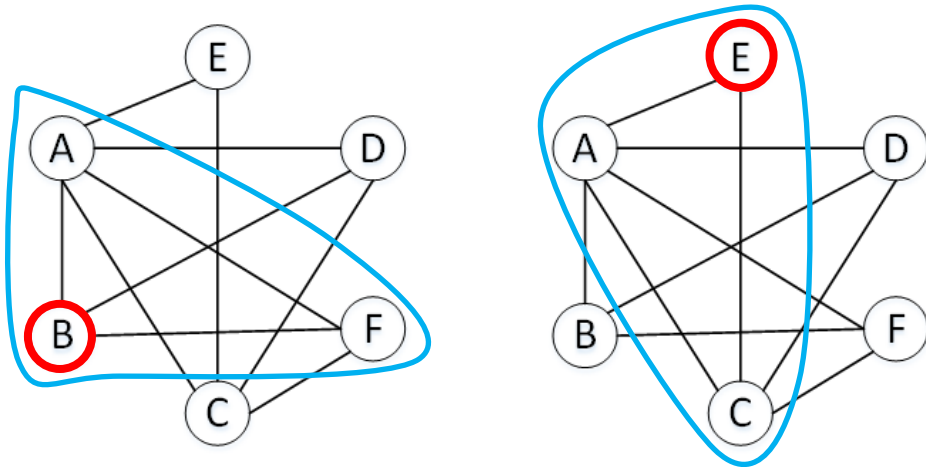


User	Age	Gender
A	21	M
B	26	F
C	30	F
D	22	M
E	28	M
F	23	F

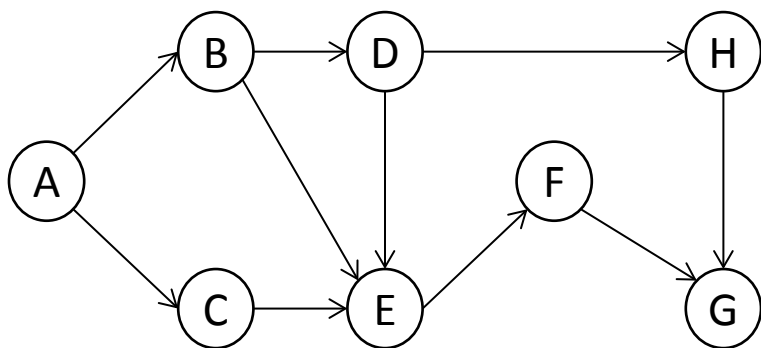
(a) Mini social network



(b) Graph Aggregation



(c) Graph Window



ID	Type	ID	Type
A	Enzyme	E	Enzyme
B	Cytokine	F	Cytokine
C	Transporter	G	Enzyme
D	Enzyme	H	Transporter