Aggregation using aggregate()

Real-time Aggregation

Problem Statement

Create a Kafka topic as employees and following messages to the topic.

```
101:{"id": "101", "name": "Prashant", "department": "engineering", "salary": 5000}
102:{"id": "102", "name": "John", "department": "accounts", "salary": 8000}
103:{"id": "103", "name": "Abdul", "department": "engineering", "salary": 3000}
104:{"id": "104", "name": "Melinda", "department": "support", "salary": 7000}
105:{"id": "105", "name": "Jimmy", "department": "support", "salary": 6000}
```

Create a Kafka Streams application to compute the average salary for each department.

id	name	department	salary
101	Prashant	engineering	5000
102	John	accounts	8000
103	Abdul	engineering	3000
104	Melinda	support	7000
105	Jimmy	support	6000

```sql
SELECT department, avg(salary)
FROM KS0
GROUP BY department;
```

department	Avg. Salary
engineering	4000
accounts	8000
support	6500

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