NOBLE DESKTOP

SQL BOOTCAMP

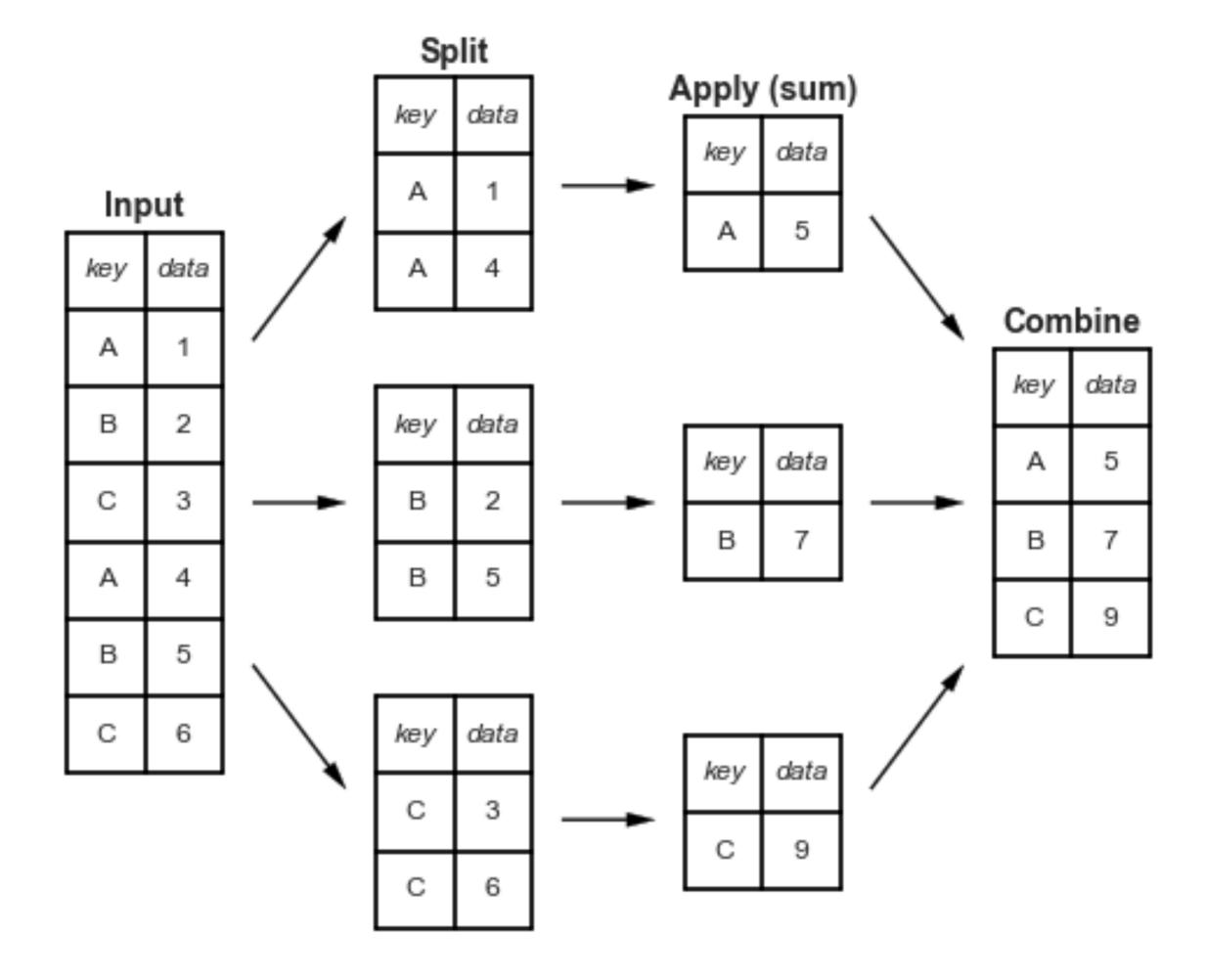
GROUPING

GROUP BY STATEMENTS

```
SELECT key, SUM(data)
FROM table GROUP BY key;
```

2 STEP PROCESS

- Gather rows with same value in GROUP BY column
- Combine each collection of rows with an AGGREGATION function



GROUP BY STATEMENTS

```
SELECT user_id, COUNT(*)
FROM purchases GROUP BY user_id;
```

GROUP BY STATEMENTS

SELECT state, AVG(*)

FROM purchases GROUP BY state;

RULES FOR GROUP BY

- SELECT must include column you're grouping by
- 2. All other columns must be aggregated

EXERCISES