|  |  |  |
| --- | --- | --- |
| **Verb** | **Pandas example** | **SQL example** |
| **Query**: Extract a subset of observations | rides.query(‘hour == 2’)  rides[rides.hour == 2] | SELECT \* FROM rides WHERE hour = 2 |
| **Aggregate**: Summarize the observations in each group | rides.groupby(‘hour’).size() | SELECT hour, COUNT(\*) FROM rides GROUP BY hour |
| **Join**: Combine tables based on a common value | pd.merge(rides, weather, on=’hour’) | SELECT \* FROM rides JOIN weather ON rides.hour = weather.hour |
|  |  |  |
|  |  |  |