

Given a table of transactions (Transaction\_ID, Item\_ID, quantity, purchase\_date (MM/DD/YY)) and another table of prices (Item\_ID, price), give the following information:

1. Total number, average and standard deviation of purchase quantities per weekday (MondayFriday) ordered by descending number of purchases.
2. Total revenue of items that are sold more than 20 times in 2017.
3. Date with the highest and lowest total purchase quantity.
4. For each item get the transaction\_ID with the highest quantity.

Example table of transactions (defined as transactions):

| Transaction_ID | Item_ID | Quantity | Purchase_Date |
|----------------|---------|----------|---------------|
| 1              | 1       | 5        | 2017-01-28    |
| 2              | 2       | 3        | 2017-01-27    |
| 3              | 2       | 5        | 2017-01-27    |
| 4              | 2       | 1        | 2017-01-26    |
| ...            | ...     | ...      | ...           |

Example table of prices (defined as prices):

| Item_ID | Price |
|---------|-------|
| 1       | \$2   |
| 2       | \$3   |
| ...     | ...   |