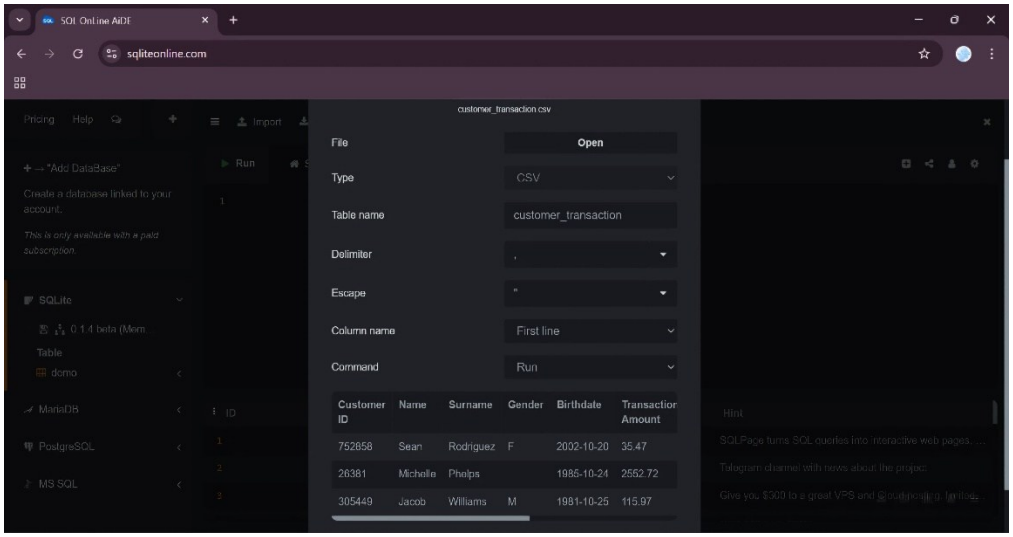
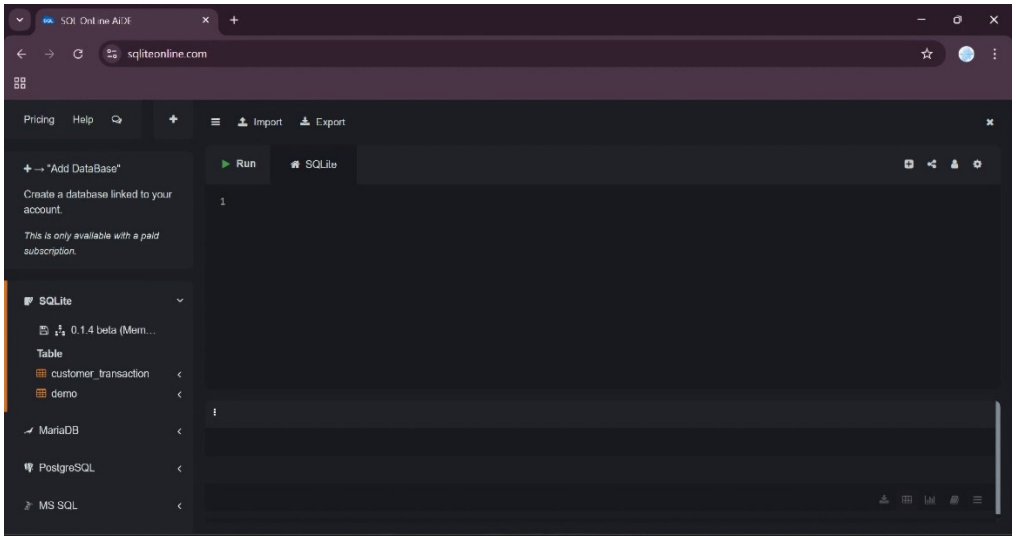
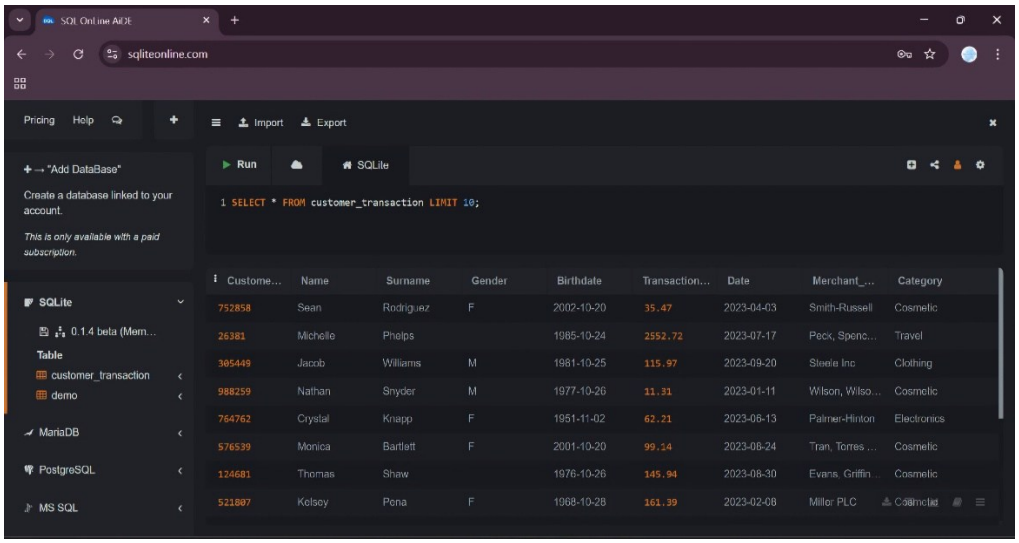
TASK_3_SQL_OUTPUTS

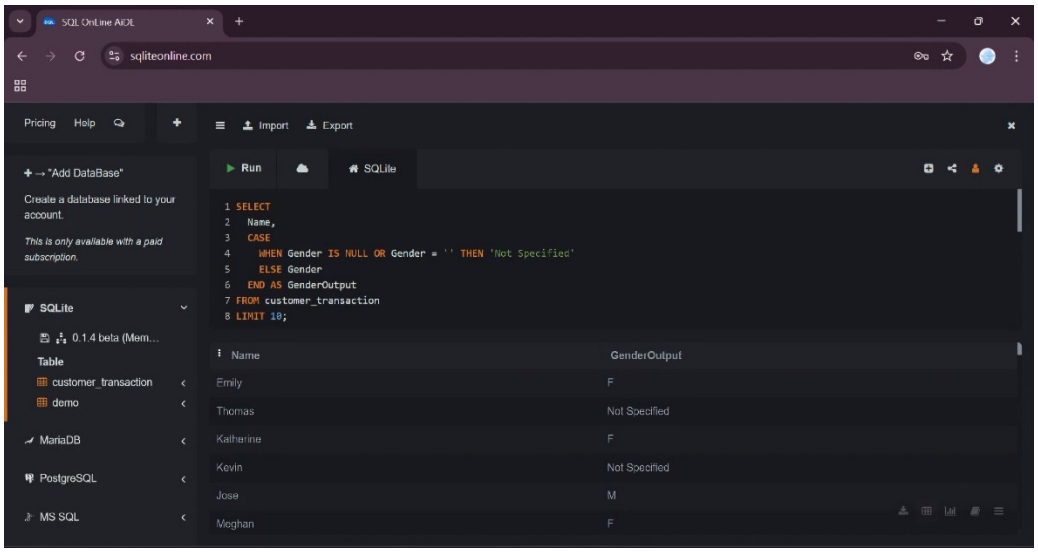
1. Import data:

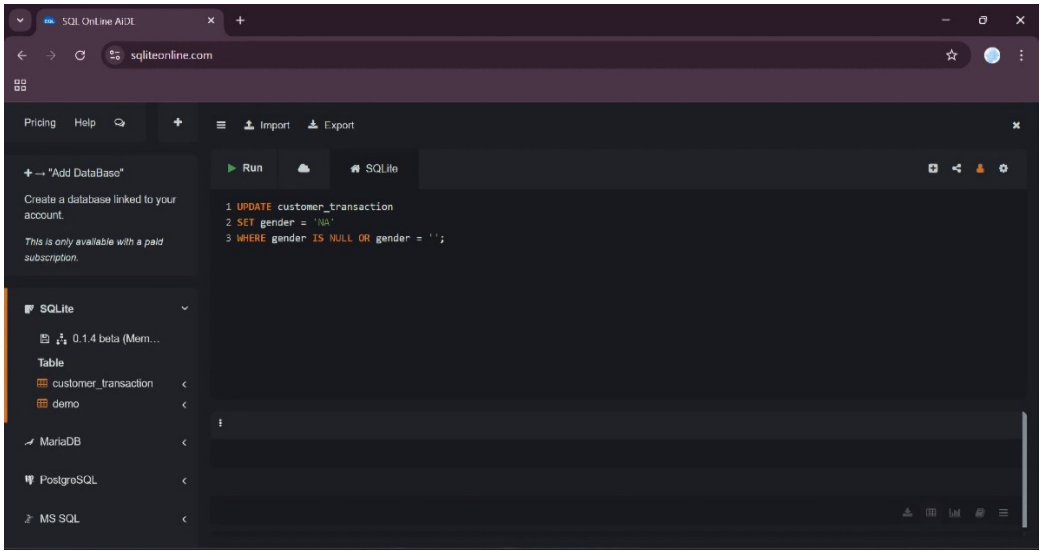


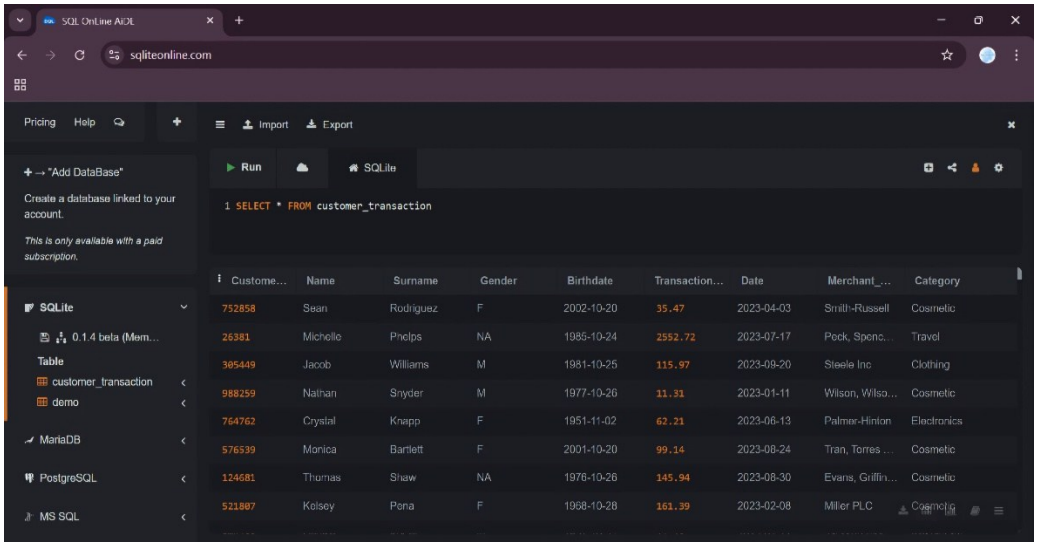




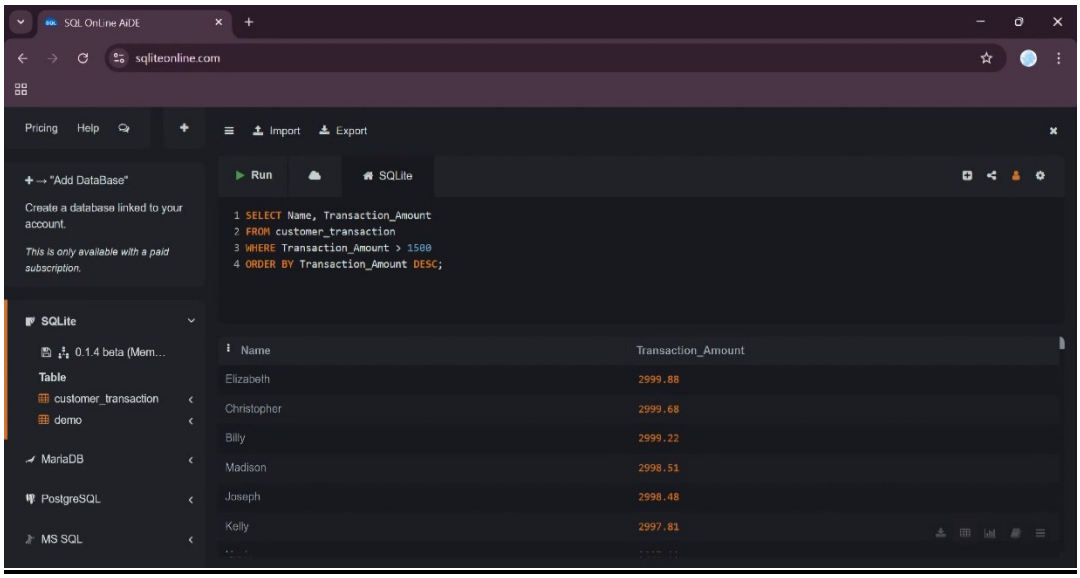
2. Check and Update gender:



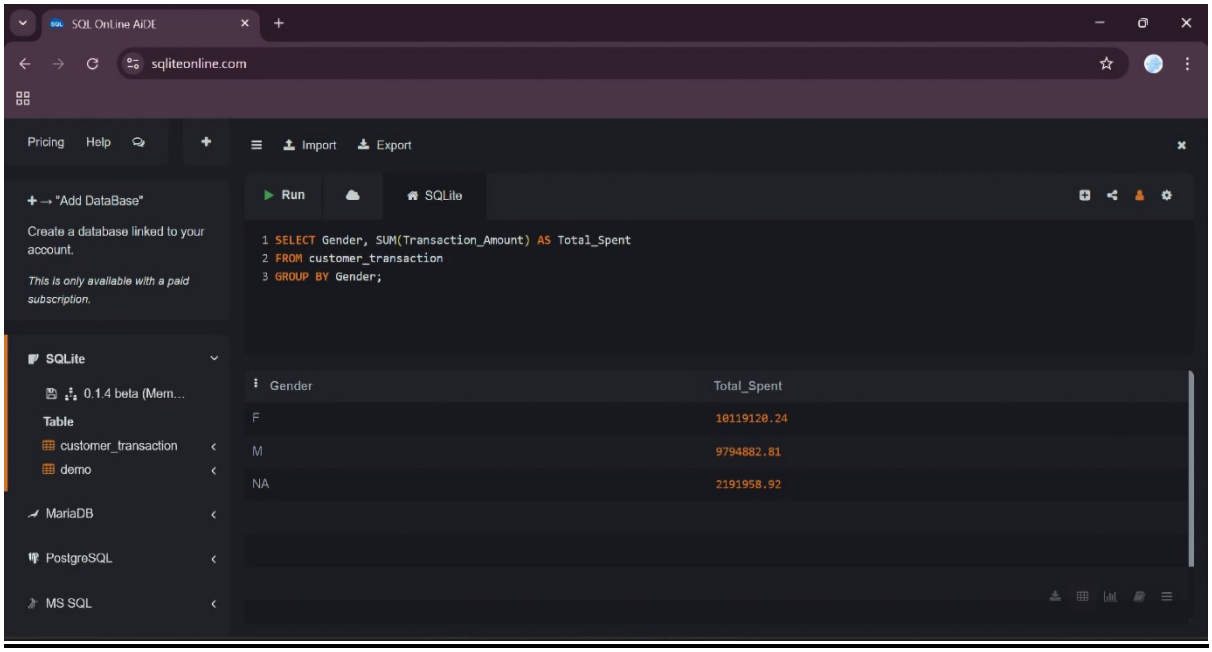




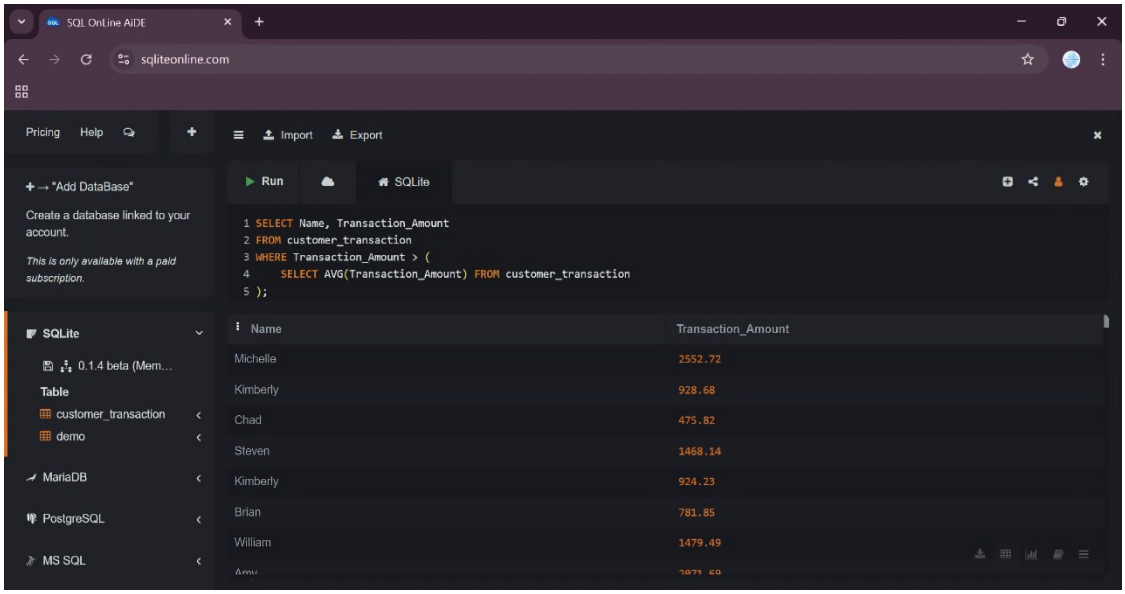
3. **Basic Queries:**
    a. **List all the customers names who made transactions above 1500, sorted by amount (highest first):**



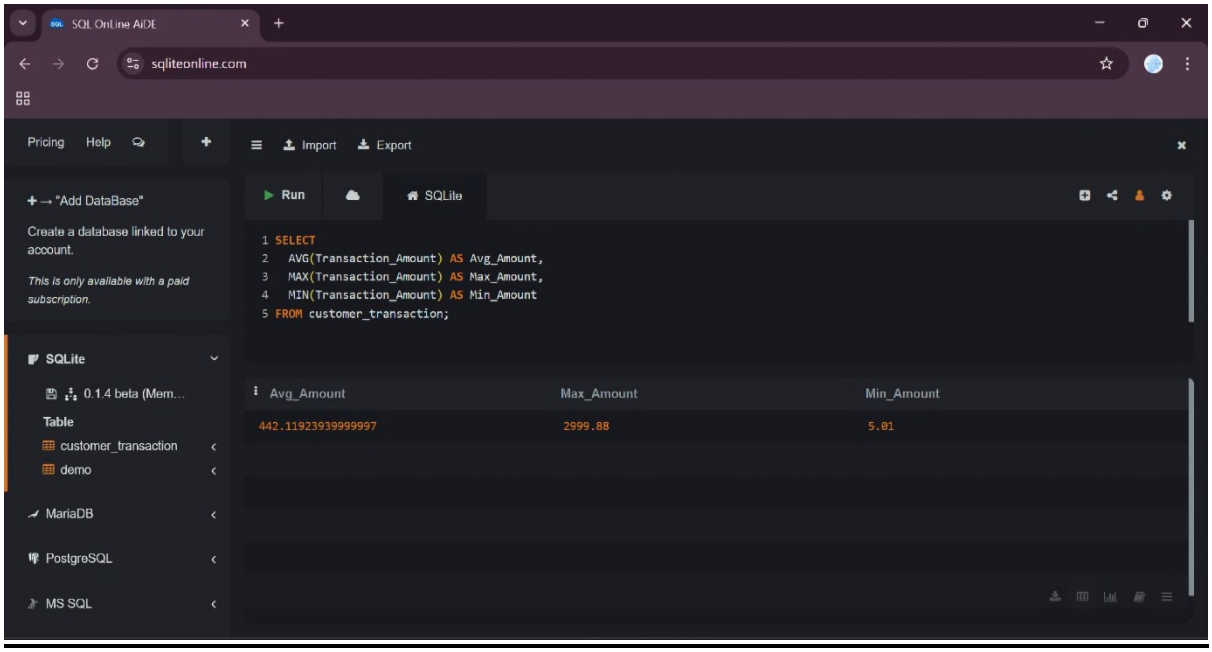
    b. **Show total transaction amount done by each gender:**



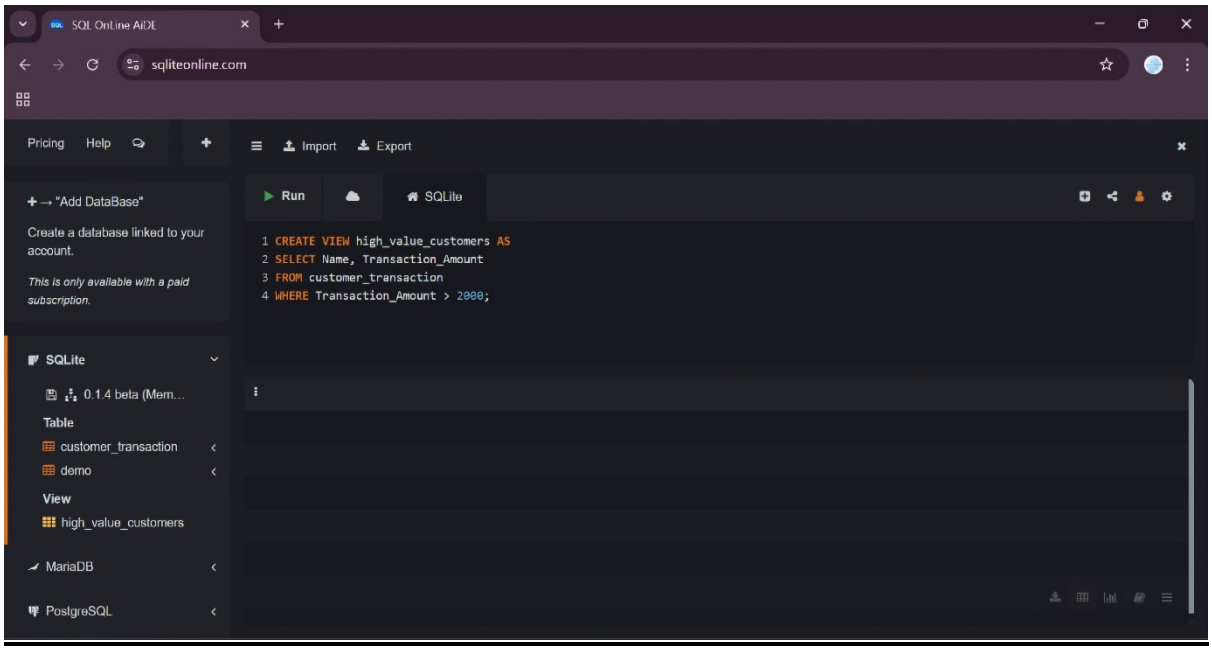
4. **Subqueries:**
    a. **Find the customers who spent more than the average transaction amount:**



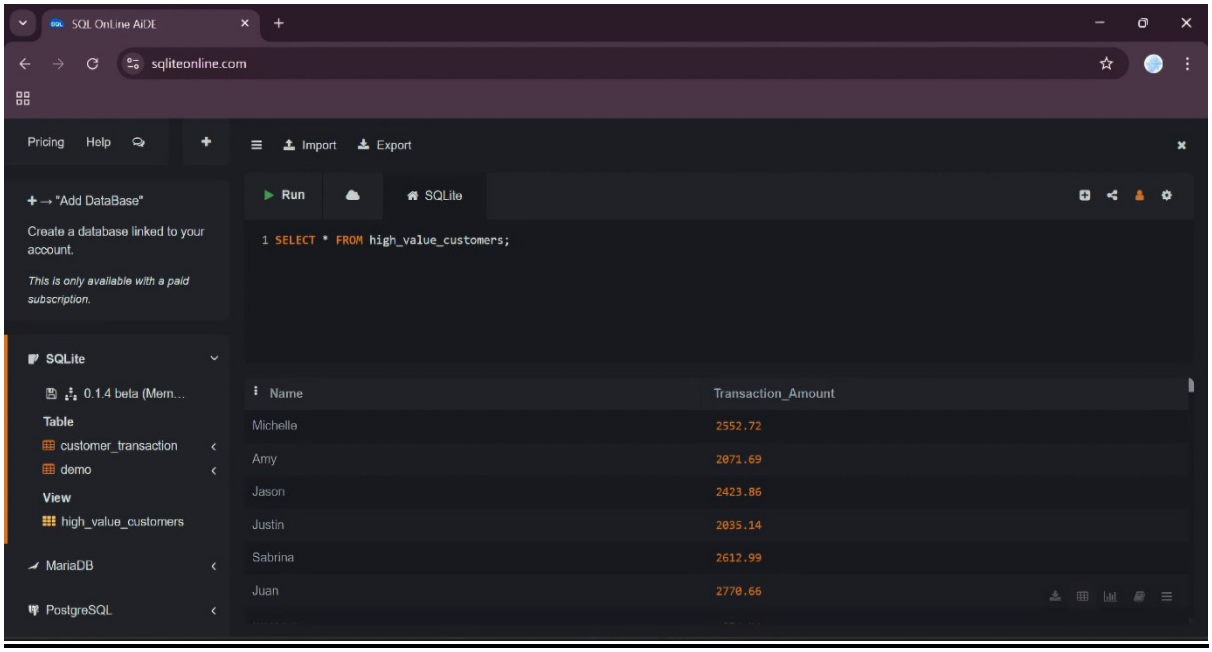
5. **Aggregate Functions:**
    a. **Show Average, Sum, Minimum, Maximum transaction amount:**



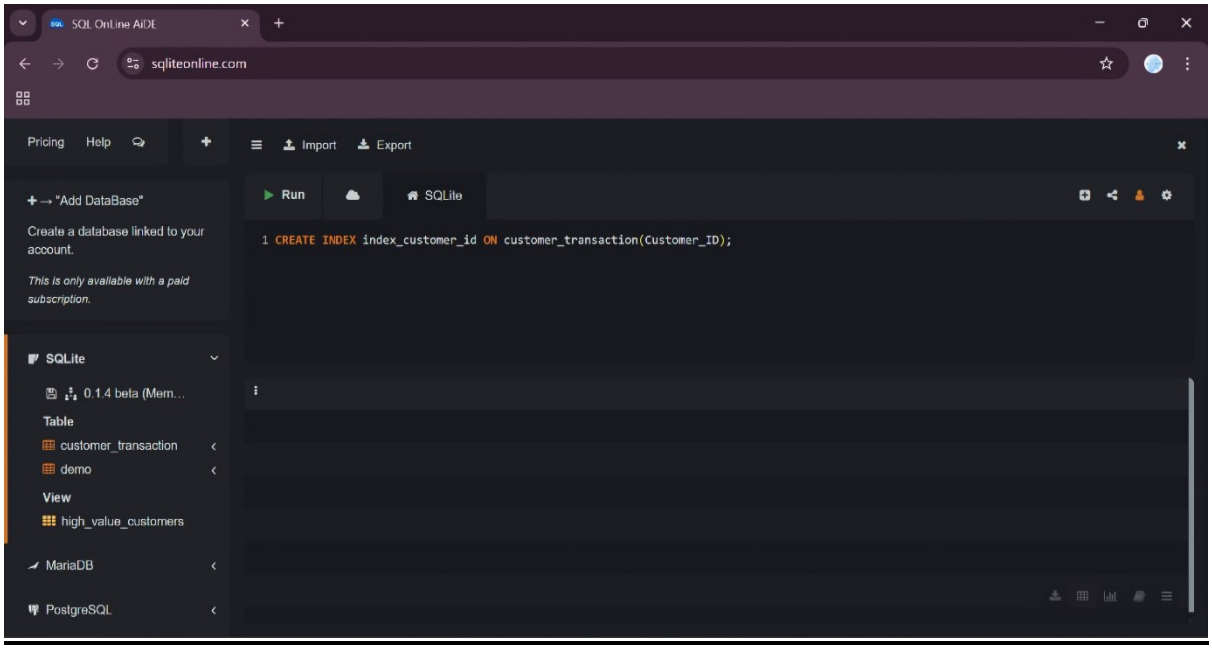
6. **Create Views:**
    a. **Create a view of customers whose transactions are greater than 2000:**



    b. **Now, select from that view:**



7. **Indexing (for optimization):**
    a. **Create an index on Customer_ID to speed up lookups and joins:**



    b. **Create an index on Gender for filtering:**