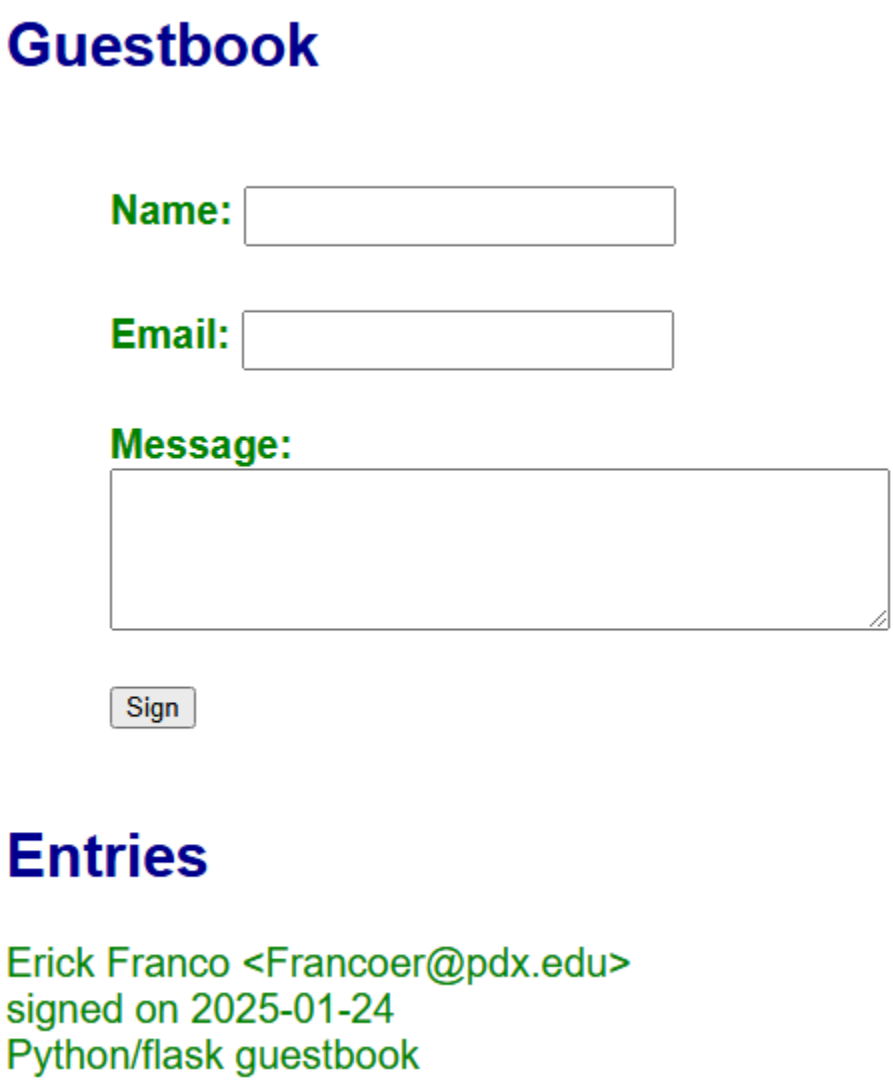
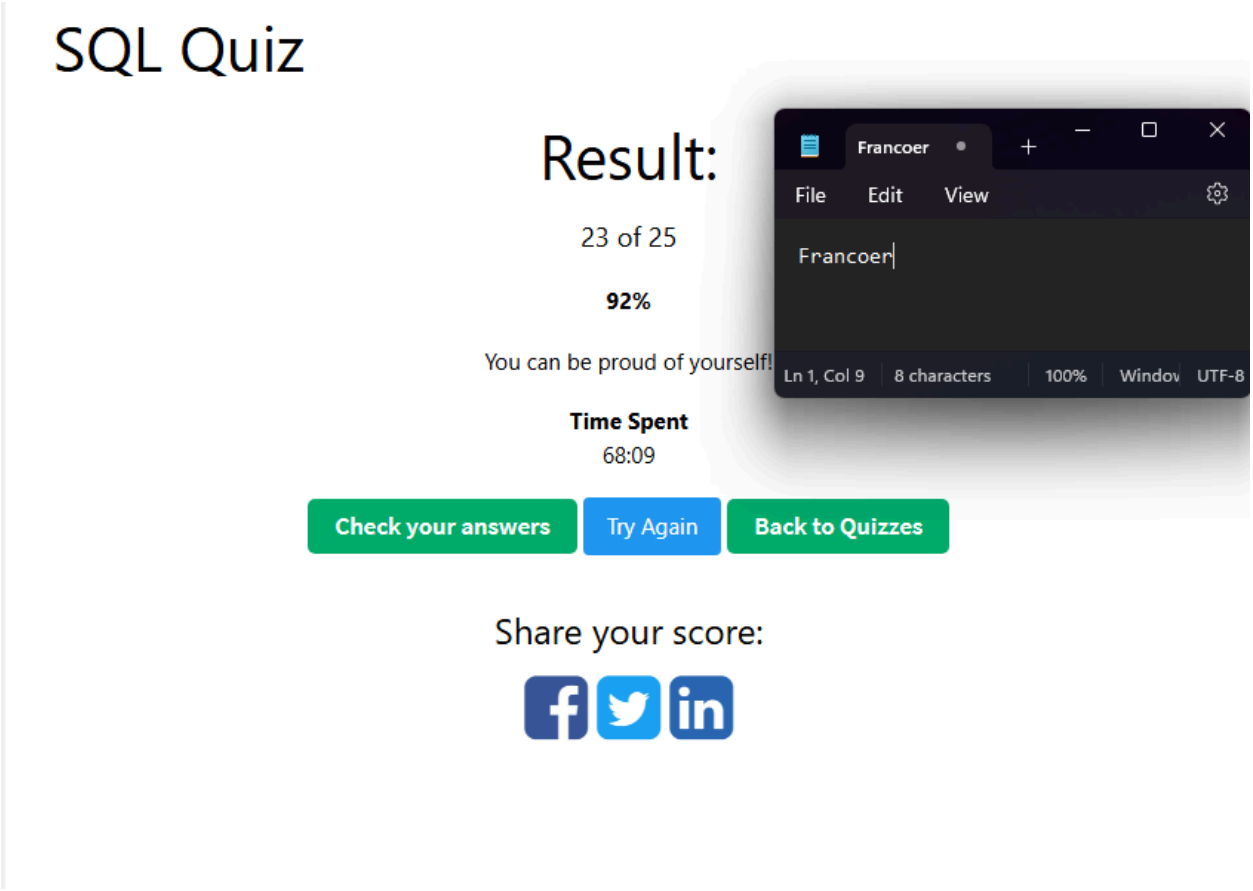
Erick Franco
1/25/25
CS430P
Lab 3

Python Flask 03.1.5

- Add an entry that includes your PSU e-mail address in it and the message "python/flask guestbook". Take a screenshot of the resulting page for your lab notebook.



SQL 03.2.2



SQL 03.2.3

Examine the data definition language (DDL) commands in cloudsql/table_creation.sql that specify the schema and answer the following questions:

- What are the names of the tables that are created?
  Accommodations, ratings, and Reccomendation
- What are the primary keys of each table?
  Accommodations:ID
  Rating:accoId, userID
  Recommendation:userID, accoid
- What data (e.g. columns) does the Accommodation table hold?
  Accommodations: id, title, location, price, rooms, ratings, and type
  Rating: userId, accoId, rating, F-key: accoId
  Recommendation: userID, accoId, prediction, F-key:accoID

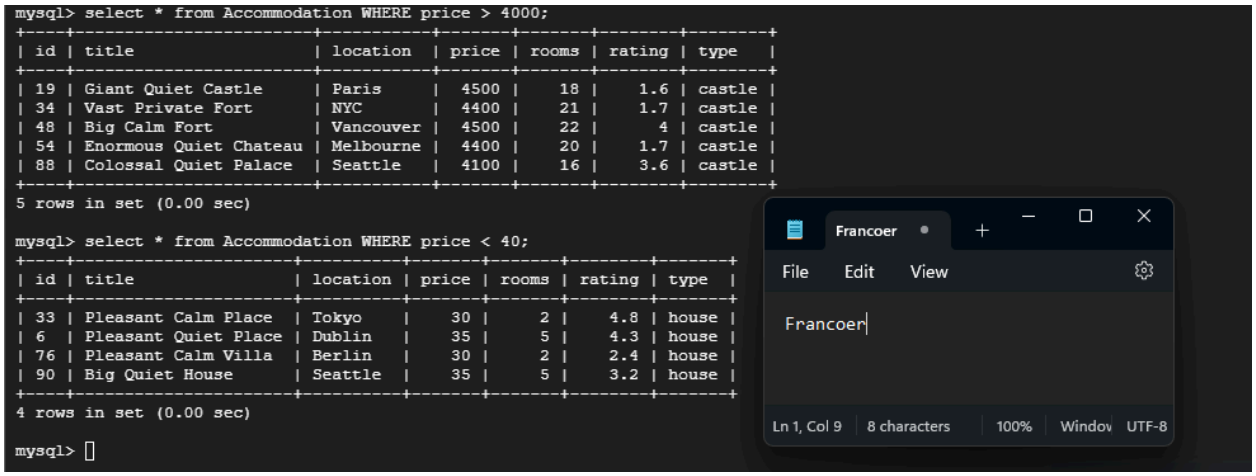
- Assuming the column data is ordered as in the DDL, list the attributes and their values for each accommodation in Dublin.

  6,Pleasant Quiet Place,Dublin,35,5,4.3,house
  77,Great Private Country House,Dublin,1150,10,2.4,mansion
  Id:6, 77
  title: Pleasant Quiet Place, Great Private Country House
  location: Dublin, Dublin
  price: 35, 1150
  rooms: 5, 10
  Rating:4.3, 2.4
  type :house, mansion

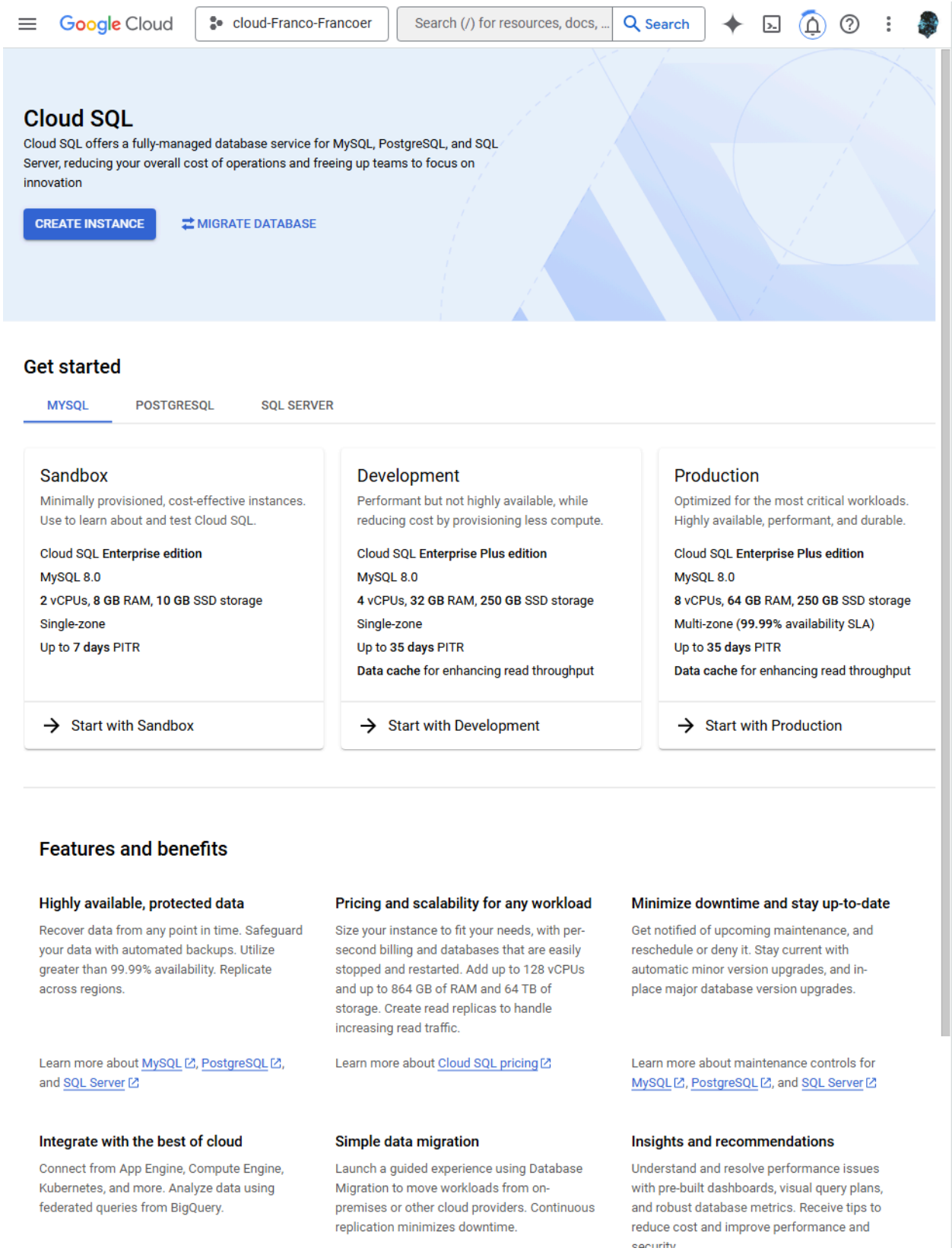
SQL 03.2.7

Run queries for accommodations at two price ranges of your choice and two types of your choice.

- Take screenshots of the output of each query for your lab notebook.
  Greater than 4000, and less than 40

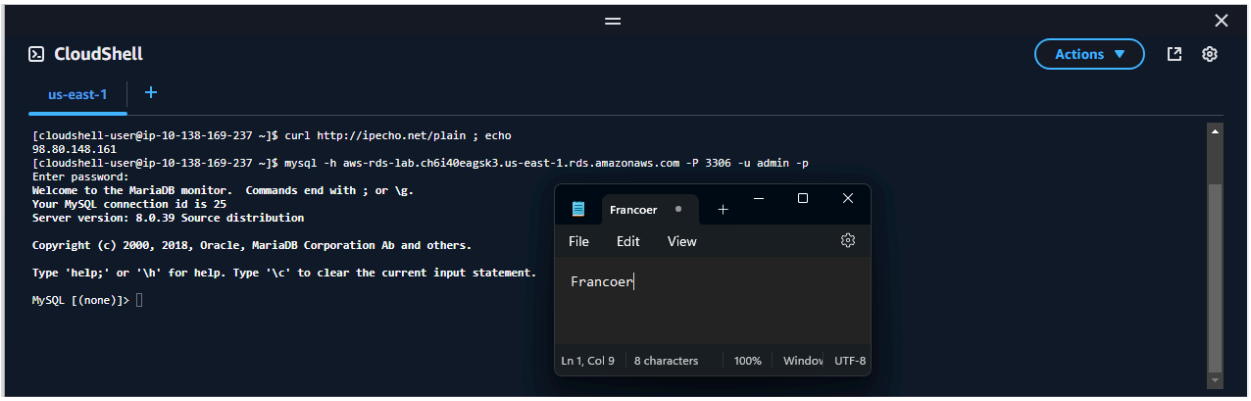


SQL 03.2.8


Google Cloud
cloud-Franco-Francoer
Search (/) for resources, docs, ...
Search
Cloud SQL
Cloud SQL offers a fully-managed database service for MySQL, PostgreSQL, and SQL Server, reducing your overall cost of operations and freeing up teams to focus on innovation
CREATE INSTANCE
MIGRATE DATABASE
Get started
MYSQL
POSTGRESQL
SQL SERVER
Sandbox
Minimally provisioned, cost-effective instances. Use to learn about and test Cloud SQL.
Cloud SQL Enterprise edition
MySQL 8.0
2 vCPUs, 8 GB RAM, 10 GB SSD storage
Single-zone
Up to 7 days PITR
Start with Sandbox
Development
Performant but not highly available, while reducing cost by provisioning less compute.
Cloud SQL Enterprise Plus edition
MySQL 8.0
4 vCPUs, 32 GB RAM, 250 GB SSD storage
Single-zone
Up to 35 days PITR
Data cache for enhancing read throughput
Start with Development
Production
Optimized for the most critical workloads. Highly available, performant, and durable.
Cloud SQL Enterprise Plus edition
MySQL 8.0
8 vCPUs, 64 GB RAM, 250 GB SSD storage
Multi-zone (99.99% availability SLA)
Up to 35 days PITR
Data cache for enhancing read throughput
Start with Production
Features and benefits
Highly available, protected data
Recover data from any point in time. Safeguard your data with automated backups. Utilize greater than 99.99% availability. Replicate across regions.
Learn more about MySQL, PostgreSQL, and SQL Server
Pricing and scalability for any workload
Size your instance to fit your needs, with per-second billing and databases that are easily stopped and restarted. Add up to 128 vCPUs and up to 864 GB of RAM and 64 TB of storage. Create read replicas to handle increasing read traffic.
Learn more about Cloud SQL pricing
Minimize downtime and stay up-to-date
Get notified of upcoming maintenance, and reschedule or deny it. Stay current with automatic minor version upgrades, and in-place major database version upgrades.
Learn more about maintenance controls for MySQL, PostgreSQL, and SQL Server
Integrate with the best of cloud
Connect from App Engine, Compute Engine, Kubernetes, and more. Analyze data using federated queries from BigQuery.
Simple data migration
Launch a guided experience using Database Migration to move workloads from on-premises or other cloud providers. Continuous replication minimizes downtime.
Insights and recommendations
Understand and resolve performance issues with pre-built dashboards, visual query plans, and robust database metrics. Receive tips to reduce cost and improve performance and

RDS 03.2.15

- Show a screenshot of the successful connection similar to below that includes your OdinID



Sqlite3 03.3.4

Guestbook

Sign here

Entries

Erick Franco <francoer@pdx.edu>
signed on 2025-01-25
python/flask MVP sqlite3 #1

Erick Franco <francoer@pdx.edu>
signed on 2025-01-25
python/flask MVP sqlite3 #2

Sqlite3 03.3.5