

INF1343, Winter 2012, Week 9 Exercises

Answer the following questions using the “diveshop” database. Unless noted otherwise, you should answer each question with a single query. The desired result is shown after every question.

a) Which country has the largest number of destinations?

country	num_destinations
USA	5

b) What are the three cheapest countries by the *average* travel cost of the different destinations in the country? (Just use the travel_cost column in the destination table here.)

country	avg_cost
Mexico	1000
USA	2500
Brazil	3000

c) Which states in the United States have more than one customer?

state_prov	count(*)
CA	8
CO	2

d) For which skill levels would the average depth of sites be more than 20 meters? (I.e., show the average depth of sites at each skill level, skipping skill levels for which the average depth is less than 20 meters.)

skill_level	avg(depth_m)
Advanced	31.813499999999994
Intermediate	26.416000000000007

e) Which destinations have more than 5 shark species in their sites? List the destinations in the decreasing order by the number of shark species. (This query will require a few joins.)

destination_name	num_shark_species
Santa Barbara	8
New Jersey	8
Florida	6