Name: Jichao Liang
ID: 34274723

UNF

CRUISE (cruise_id, cruise_name, cost_per_person, (port_code, port_name, port_latitude, port_longitude, country_code, country_name, departure_date_time, arrival, date_time))

1NF

CRUISE (cruise_id, cruise_name, cost_per_person)

CK:
cruise_id

Partial Dependencies:
cruise_id -> cost_per_person

ITINERARY (port_code, departure_arrival, date_time, port_name, port_latitude, port_longitude, country_code, country_name)

CK:
port_code, departure_arrival, date_time

Partial Dependencies:
port_code -> port_name, port_latitude, port_longitude, country_code, country_name

2NF

CRUISE (cruise_id, cruise_name, cost_per_person)

ITINERARY (port_code, departure_arrival, date_time)

PORT (port_code, port_name, port_latitude, port_longitude, country_code, country_name)

Transitive Dependencies:
port_latitude, port_longitude -> port_name, country_code, country_name