**Step 1: Unnormalised Form (UNF)**

CRUISE (cruise\_id, cruise\_name, cruise\_cost, (port\_code, port\_name, port\_latitude, port\_longitude, country\_code, country\_name, itinerary\_activity, itinerary\_datetime))

**Step 2: First Normal Form (1NF)**

CRUISE (cruise\_id, cruise\_name, cruise\_cost)

**Candidate Keys:** cruise\_id

ITNERARY(itinerary\_datetime, cruise\_id, port\_code, port\_name, port\_latitude, port\_longitude, country\_code, country\_name, itinerary\_activity)

**Candidate Keys:**

* itinerary\_datetime, cruise\_id

**Partial Dependency:** No partial dependency present.

**Step 3: Second Normal Form (2NF)**

CRUISE (cruise\_id, cruise\_name, cruise\_cost)

**Candidate Keys:** cruise\_id

ITNERARY(itinerary\_datetime, cruise\_id, port\_code, port\_name, port\_latitude, port\_longitude, country\_code, country\_name, itinerary\_activity)

**Candidate Keys:**

* itinerary\_datetime, cruise\_id

**Transitive Dependency:**

* port\_code -> port\_name, port\_latitude, port\_longitude, country\_code
* country\_code -> country\_name

**Step 4: Third Normal Form (3NF)**

CRUISE (cruise\_id, cruise\_name, cruise\_cost)

**Candidate Keys:** cruise\_id

ITNERARY(itinerary\_datetime, cruise\_id, port\_code, itinerary\_activity)

**Candidate Keys:**

* itinerary\_datetime, cruise\_id

PORT(port\_code, port\_name, port\_latitude, port\_longitude, country\_code)

**Candidate Keys:** port\_code

COUNTRY(country\_code, country\_name)

**Candidate Keys:** country\_code

**Full Dependency:**

* cruise\_id -> cruise\_name, cruise\_cost
* itinerary\_datetime, cruise\_id -> port\_code, itinerary\_activity
* port\_code -> port\_name, port\_latitude, port\_longitude, country\_code
* country\_code -> country\_name