1. We will call on: <https://api.cruiseline.com/ship/all>
   1. We will collect:
      1. Ship ID
      2. Ship Name
      3. Ship Slug
      4. Line ID
      5. Line Name
      6. Line Slug

A picture containing graphical user interface

Description automatically generated

1. For each ship Slug, we will call on: "<https://api.cruiseline.com/ship/>" & Slug & "cabins\_all"

Ex: <https://api.cruiseline.com/ship/adventure-of-the-seas/cabins_all>

**Graphical user interface

Description automatically generated with medium confidence**

We will create the "Cabin\_Type" table now:

Cabin Types: This table will contain:

1. Ship ID
2. Cabin\_typeID
3. Cabin\_type\_Name

Next we will look at the cabin\_numbers:

Graphical user interface, text, application

Description automatically generated

For each record We will collect:

1. id
2. ship\_cabin\_id
3. updated date
4. number
5. maxocc
6. maxadult
7. maxchild
8. primaryberths
9. addlberths
10. sqfootage
11. bath
12. handicapaccess
13. connecting
14. connectingcabin
15. smoking
16. obstructed
17. percentobstructed
18. insideoutside
19. balcony
20. portholewindow
21. bedcount
22. closetcount
23. phonecount
24. midforeaft
25. portstarboard
26. otherattributes
27. Percent\_recommends
28. Reviews
29. Ship\_Deck
    1. ID
    2. Ship\_id
    3. Level
    4. Number
    5. Features
    6. Code
    7. Name
    8. Description
    9. Updated Date
30. Ship\_Cabin (Category)
    1. ID
    2. Code
    3. Type
    4. Name
    5. Size
    6. Occupancy
    7. Amenities
    8. Accessibility
    9. Notes
    10. Updated Date
    11. Valid From
    12. Valid To
    13. Cabin Type
    14. Reviews
    15. Percent Recommend

Next We will look at the "decks" in the same API Call

Table

Description automatically generated with low confidence

For each deck we will capture the deck details and the venue details

1. Deck id
2. ship\_id
3. Deck Plan Image url
4. Deck Plan Image name
5. width
6. ship\_deck
7. level
8. number
9. features
10. code
11. name
12. description
13. updated
14. venues (their may be many)
    1. id
    2. name
    3. slug
    4. ship\_id
    5. description
    6. pic
    7. shipmate\_id
    8. shipmate\_category\_name
    9. shipmate\_category\_slug
    10. shipmate\_category\_id
    11. reviews
    12. rating
    13. hero\_pic
    14. active
    15. paid
    16. gallery

Having collected this data we will now improve the formatting of the data.

Table 1: SHIP DETAILS (Stays the same)

* ShipID
* ShipName
* ShipSlug
* LineID
* Line Name
* Line Slug

Table 2: Ship\_Cabin\_Categories. We will use the Cabin Type and details from each cabin mentioned to create a standard table. NOTE: This info about the cabin Categories will be the same for all cabins linked to the category

* CabinCategoryID
* ShipID
* CategoryID
* Cabin\_Type\_Description (This is from the cabin type table)
* Category\_Code
* Type
* Name
* Size
* Occupancy
* Amenities
* Accessibility
* Notes
* Updated Date
* Valid From
* Valid To
* Reviews
* Percent Recommend

Table 3: Ship\_Decks

* ShipDeckID
* ShipID
* DeckId
* Deck Plan Image url
* Deck Plan Image name
* Deck\_width
* Ship level
* Deck number
* Deck\_features
* Deck\_code
* Deck\_name
* Deck\_description
* Deck\_updated

Table 4: Ship Venues

* ShipVenueID
* ShipID
* ShipDeck ID
* Deck\_Level
* Venue\_Name
* Venue\_slug
* Venue\_description
* Venue\_pic
* Venue\_shipmate\_id
* Venue\_shipmate\_category\_name
* Venue\_shipmate\_category\_slug
* Venue\_shipmate\_category\_id
* Venue\_reviews
* Venue\_rating
* Venue\_hero\_pic
* Venue\_active
* Venue\_paid
* Venue\_gallery

Table 5: Cabin Details

* + ShipCabinID
  + ShipID
  + ShipCategoryID (Created)
  + ShipCategoryCode
  + ShipCategoryTypeName (Inside/outside/balcony/Etc)
  + updated date
  + CabinNumber
  + maxocc
  + maxadult
  + maxchild
  + primaryberths
  + addlberths
  + sqfootage
  + bath
  + handicapaccess
  + connecting
  + connectingcabin
  + smoking
  + obstructed
  + percentobstructed
  + insideoutside
  + balcony
  + portholewindow
  + bedcount
  + closetcount
  + phonecount
  + midforeaft
  + portstarboard
  + otherattributes
  + Percent\_recommends
  + Reviews