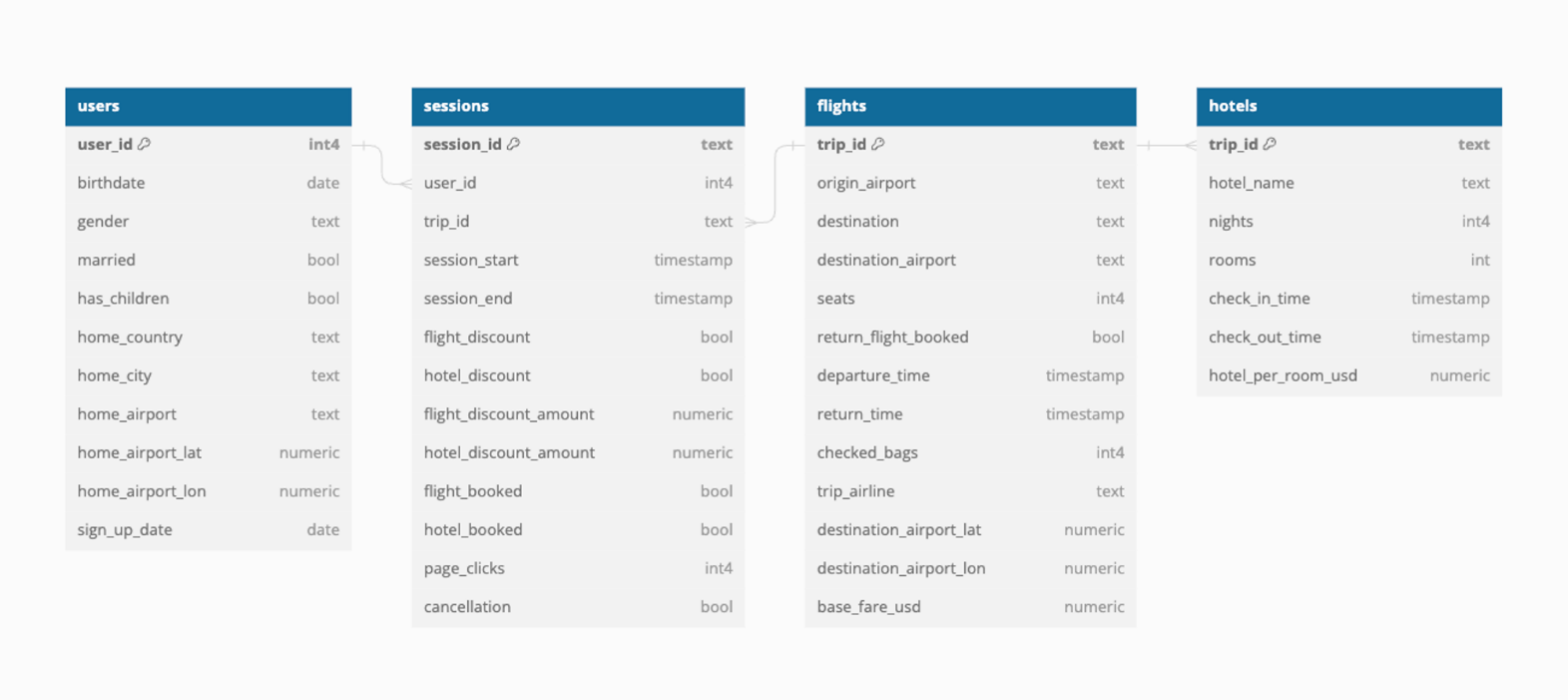
**TravelTide Agency Database.**

**Entity Relationship Diagram (ERD)**



**Data Dictionary**

* **users**: user demographic information
  + **user\_id**: unique user ID (key, int)
  + **birthdate**:user date of birth (date)
  + **gender**: user gender (text)
  + **married**: user marriage status (bool)
  + **has\_children**: whether or not the user has children (bool)
  + **home\_country**: user’s resident country (text)
  + **home\_city**: user’s resident city (text)
  + **home\_airport**: user’s preferred hometown airport (text)
  + **home\_airport\_lat**: geographical north-south position of home airport (numeric)
  + **home\_airport\_lon**: geographical east-west position of home airport (numeric)
  + **sign\_up\_date**: date of TravelTide account creation (date)
* **sessions**: information about individual browsing sessions (note: only sessions with at least 2 clicks are included)
  + **session\_id**: unique browsing session ID (key, text)
  + **user\_id**: the user ID (foreign key, int)
  + **trip\_id**: ID mapped to flight and hotel bookings (foreign key, text)
  + **session\_start**: time of browsing session start (timestamp)
  + **session\_end**: time of browsing session end (timestamp)
  + **flight\_discount**: whether or not flight discount was offered (bool)
  + **hotel\_discount**: whether or not hotel discount was offered (bool)
  + **flight\_discount\_amount**: percentage off base fare (numeric)
  + **hotel\_discount\_amount**: percentage off base night rate (numeric)
  + **flight\_booked**: whether or not flight was booked (bool)
  + **hotel\_booked**: whether or not hotel was booked (bool)
  + **page\_clicks**: number of page clicks during browsing session (int)
  + **cancellation**: whether or not the purpose of the session was to cancel a trip (bool)
* **flights**: information about purchased flights
  + **trip\_id**: unique trip ID (key, text)
  + **origin\_airport**: user’s home airport (text)
  + **destination**: destination city (text)
  + **destination\_airport**: airport in destination city (text)
  + **seats**: number of seats booked (int)
  + **return\_flight\_booked**: whether or not a return flight was booked (bool)
  + **departure\_time**: time of departure from origin airport (timestamp)
  + **return\_time**: time of return to origin airport (timestamp)
  + **checked\_bags**: number of checked bags (int)
  + **trip\_airline**: airline taking user from origin to destination (text)
  + **destination\_airport\_lat**: geographical north-south position of destination airport (numeric)
  + **destination\_airport\_lon**: geographical east-west position of destination airport (numeric)
  + **base\_fare\_usd**: pre-discount price of airfare (numeric)
* **hotels**: information about purchased hotel stays
  + **trip\_id**: unique trip ID (key, text)
  + **hotel\_name**: hotel brand name (text)
  + **rooms**: number of rooms booked with hotel (int)
  + **check\_in\_time**: time user hotel stay begins (timestamp)
  + **check\_out\_time**: time user hotel stay ends (timestamp)
  + **hotel\_per\_room\_usd**: pre discount price of hotel stay (numeric)