FIT3003 Assignment 2 - S2 2024 (Weight = 40%)
Due - Friday, 11 October 2024, 4:30 PM

Version: 3.0 – 17/09/2024

General Information and Submission

- This is an individual assignment.
- *Submission method*: Submission is online through Moodle.
- *Penalty for late submission*: 5% deduction for each day.
- *Assignment FAQ*: There is an Assignment Frequently Asked Questions page set up for the Assignment 2 on EdStem Forum.

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M-Stay i students and staff base that maintains s, hosts, listings, business grows, M nd work efficiency and Data Warehous quickly generate

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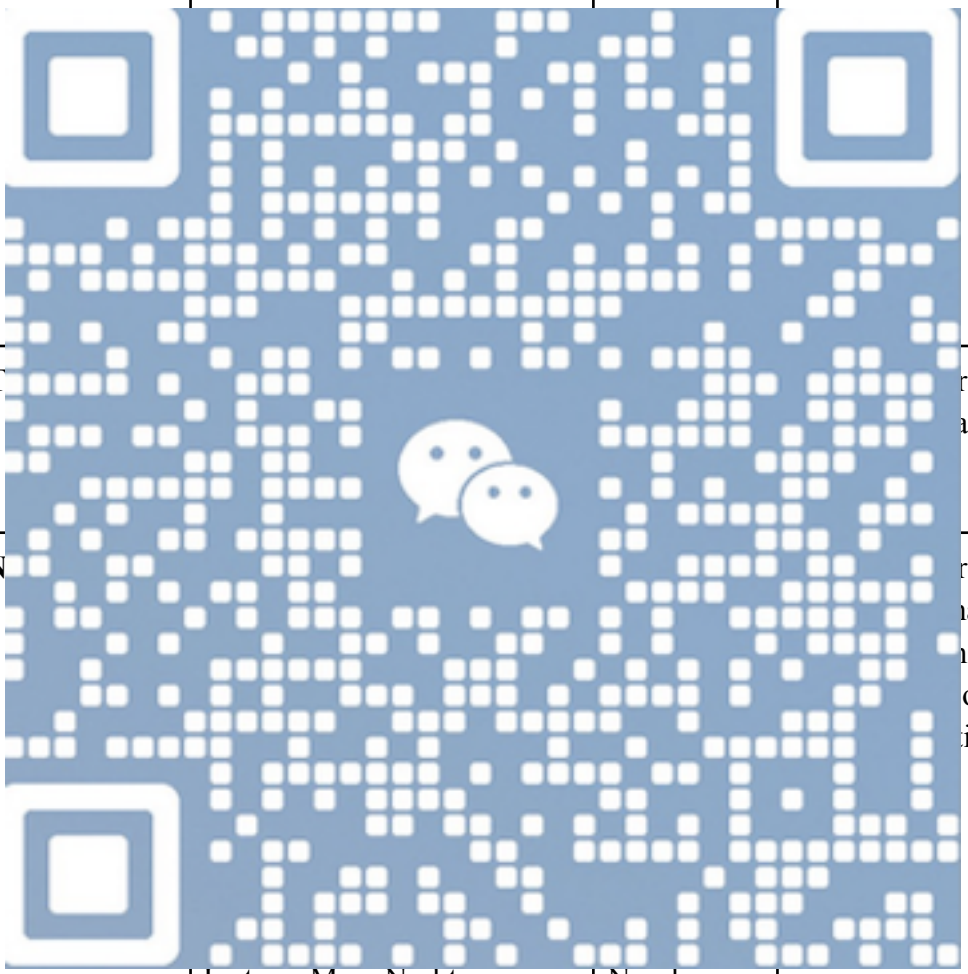
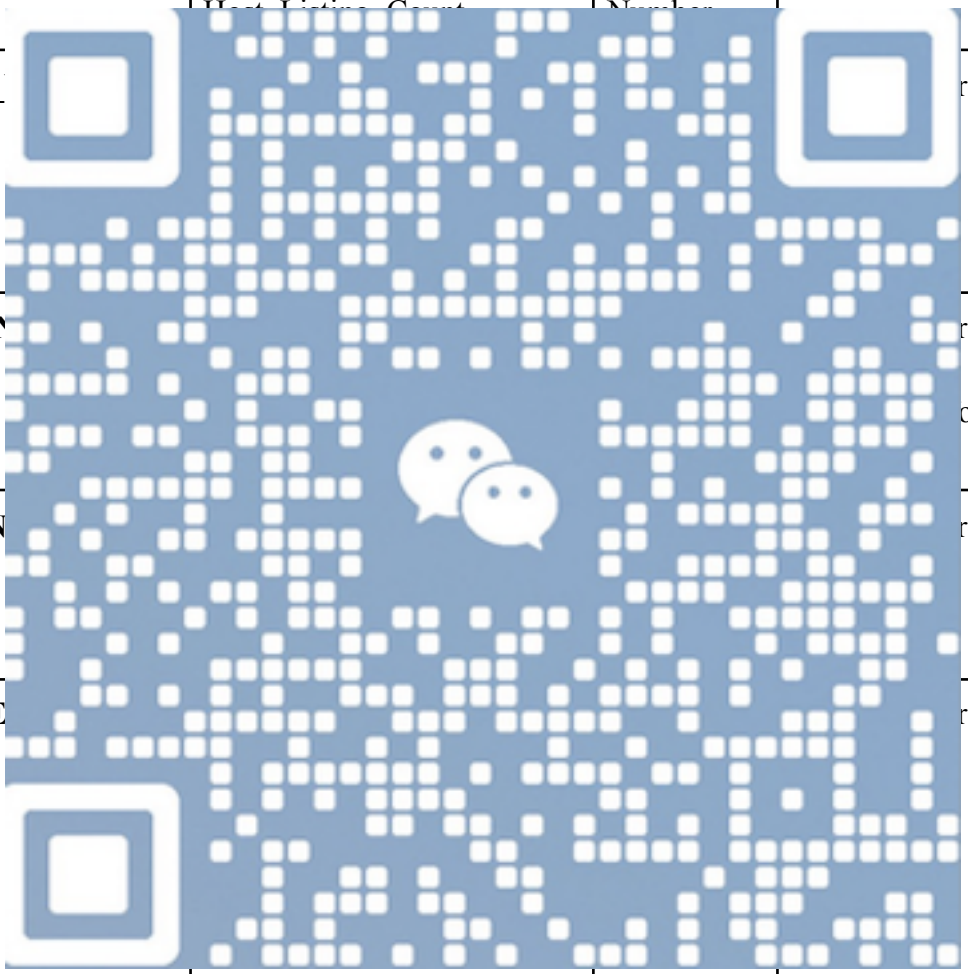
Tab			
REVIEW	Review_ID	Number (PK)	The table stores review information of the related booking order.
	Review_Date	Date	
	Review_Comment	Varchar2	
	Booking_ID	Number (FK)	

BOOKING	Booking_ID	Number (PK)	The table stores booking information.
	Booking_Date	Date	
	Booking_Stay_Start_Date	Date	
	Booking_Duration	Number	
	Booking_Cost	Number	
GUEST			res all ation.
LISTIN			res all nation. nas one one tion.
	Listing_Max_Nights	Number	
	Prop_ID	Number (FK)	
	Type_ID	Number (FK)	
	Host_ID	Number	



		(FK)	
HOST	Host_ID	Number (PK)	The table stores all host information.
	Host_Name	Varchar2	
	Host_Since	Date	
	Host_Location	Varchar2	
	Host_About	Varchar2	
HOST_ TION			res the and
CHANN			res the or the
LISTIN			res all
PROPE			res all
	Prop_Num_Beds	Number	
	Prop_Num_Bedrooms	Number	
	Prop_Num_Bathrooms	Number	
	Prop_Num_Reviews	Number	



	Prop_Rating_Location	Number	
	Prop_Rating_Cleanliness	Number	
	Prop_Rating_Value	Number	
	Prop_Average_Rating	Number	
PROPERTY_AMENITY	Prop_ID	Number (PF)	The table links property and amenity tables
	Amm_ID	Number	
AMENI			res all

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your data

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- Listing type
- Listing time [Month, Year]
- Listing season
  - (Spring: 9 to 11, Summer: 12 to 2, Autumn: 3 to 5 and Winter: 6 to 8)
- Listing maximum stay duration [*short-term*: less than 14 nights, *medium-term*: 14 to 30 nights, *long-term*: more than 30 nights]

- Listing price range [*low*: less than $100, *medium*: $100 to $200, *high*: more than $200]
- Channels
- Booking duration [*short-term*: less than 30 nights, *medium-term*: 30 to 90 nights, *long-term*: more than 90 nights]
- Review time [Month, Year]
- Booking cost range [*low*: less than $5000, *medium*: $5000 to $10000, *high*: more than $10000]

For the attribute, ensure that it meets the requirements of the range or group specified in your submission, if required in the specification.

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  medium price range?
  - How much is the average booking cost in March 2013?
  - How many bookings were there for “Private rooms” with a short-term stay duration in 2015?
  - How many high-cost bookings were made in April 2014?
  - How many reviews were given in February 2016?

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Once you
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sed in this
and SQL
after data

u need to
e schema.
nensions:

Note: the star schema you created in Design Task A as the highest level of aggregation