

Passenger

Passenger_ID	Name	Age	Gender	Contact_Info
1	John Smith	35	Male	john.smith@gmail.com
2	Emma Johnson	28	Female	emma.johnson@yahoo.com
3	Michael Brown	45	Male	michael.brown@yahoo.com
4	Sophia Williams	30	Female	sophia.williams@gmail.com
5	James Jones	42	Male	james.jones@yahoo.com
6	Olivia Taylor	25	Female	olivia.taylor@gmail.com
7	William Miller	38	Male	william.miller@gmail.com
8	Amelia Anderson	29	Female	amelia.anderson@yahoo.com
9	Benjamin Martinez	34	Male	benjamin.martinez@gmail.com
10	Charlotte Wilson	31	Female	charlotte.wilson@gmail.com
11	Daniel Davis	40	Male	daniel.davis@gmail.com
12	Ava Brown	27	Female	ava.brown@gmail.com
13	Matthew Taylor	37	Male	matthew.taylor@yahoo.com
14	Emily Garcia	32	Female	emily.garcia@gmail.com
15	Christopher Rodriguez	39	Male	christopher.rodriguez@gmail.com
16	Madison Martinez	26	Female	madison.martinez@gmail.com
17	Andrew Hernandez	33	Male	andrew.hernandez@gmail.com
18	Abigail Lopez	29	Female	abigail.lopez@gmail.com
19	Joseph Gonzalez	36	Male	joseph.gonzalez@gmail.com
20	Mia Perez	24	Female	mia.perez@gmail.com
21	David Sanchez	41	Male	david.sanchez@gmail.com
22	Ella King	30	Female	ella.king@gmail.com
23	Ryan Scott	35	Male	ryan.scott@gmail.com
24	Isabella Flores	28	Female	isabella.flores@yahoo.com
25	Nathan Moore	43	Male	nathan.moore@gmail.com
26	Lily Rivera	27	Female	lily.rivera@gmail.com
27	Samuel Perez	39	Male	samuel.perez@yahoo.com
28	Grace Adams	25	Female	grace.adams@gmail.com
29	Ethan Torres	38	Male	ethan.torres@gmail.com
30	Hannah Ramirez	26	Female	hannah.ramirez@gmail.com

Flight

Flight_ID	Flight_Number	Departure_Airport	Arrival_Airport	Departure_Time	Arrival_Time	Aircraft_ID	Pilot_ID	CoPilot_ID
1	AA101	JFK	LAX	2024-03-15 08:00:00	2024-03-15 11:30:00	1	1	2
2	UA202	LAX	ORD	2024-03-15 10:00:00	2024-03-15 14:30:00	2	3	4
3	DL303	ATL	LGA	2024-03-15 12:00:00	2024-03-15 14:30:00	3	5	6
4	AA404	DFW	MIA	2024-03-15 14:00:00	2024-03-15 17:30:00	4	7	8
5	UA505	SFO	SEA	2024-03-15 16:00:00	2024-03-15 18:30:00	5	9	10
6	DL606	LGA	ORD	2024-03-16 08:00:00	2024-03-16 10:30:00	6	11	12
7	AA707	MIA	DFW	2024-03-16 10:00:00	2024-03-16 13:30:00	7	13	14
8	UA808	ORD	LAX	2024-03-16 12:00:00	2024-03-16 15:30:00	8	15	16
9	DL909	SEA	JFK	2024-03-16 14:00:00	2024-03-16 17:30:00	9	17	18
10	AA1010	JFK	SFO	2024-03-16 16:00:00	2024-03-16 19:30:00	10	19	20
11	UA1111	LAX	ATL	2024-03-17 08:00:00	2024-03-17 11:30:00	11	21	22
12	DL1212	ORD	DFW	2024-03-17 10:00:00	2024-03-17 13:30:00	12	23	24
13	AA1313	MIA	LGA	2024-03-17 12:00:00	2024-03-17 15:30:00	13	25	26
14	UA1414	DFW	SEA	2024-03-17 14:00:00	2024-03-17 17:30:00	14	27	28
15	DL1515	LGA	JFK	2024-03-17 16:00:00	2024-03-17 19:30:00	15	29	30
16	AA1616	SFO	LAX	2024-03-18 08:00:00	2024-03-18 11:30:00	16	1	2
17	UA1717	ATL	ORD	2024-03-18 10:00:00	2024-03-18 14:30:00	17	3	4
18	DL1818	DFW	MIA	2024-03-18 12:00:00	2024-03-18 14:30:00	18	5	6
19	AA1919	SEA	SFO	2024-03-18 14:00:00	2024-03-18 17:30:00	19	7	8
20	UA2020	JFK	LGA	2024-03-18 16:00:00	2024-03-18 18:30:00	20	9	10
21	DL2121	LAX	ATL	2024-03-19 08:00:00	2024-03-19 11:30:00	21	11	12
22	AA2222	ORD	DFW	2024-03-19 10:00:00	2024-03-19 13:30:00	22	13	14
23	UA2323	MIA	LGA	2024-03-19 12:00:00	2024-03-19 15:30:00	23	15	16
24	DL2424	DFW	SEA	2024-03-19 14:00:00	2024-03-19 17:30:00	24	17	18
25	AA2525	LGA	JFK	2024-03-19 16:00:00	2024-03-19 19:30:00	25	19	20
26	UA2626	SFO	LAX	2024-03-20 08:00:00	2024-03-20 11:30:00	26	21	22
27	DL2727	ATL	ORD	2024-03-20 10:00:00	2024-03-20 14:30:00	27	23	24
28	AA2828	DFW	MIA	2024-03-20 12:00:00	2024-03-20 15:30:00	28	25	26
29	UA2929	SEA	SFO	2024-03-20 14:00:00	2024-03-20 17:30:00	29	27	28
30	DL3030	JFK	LGA	2024-03-20 16:00:00	2024-03-20 19:30:00	30	29	30

1. Write an SQL query to concatenate the Name and Age of passengers and convert the result to uppercase.
2. Write an SQL query to extract the first 3 characters of the departure airport code for each flight.
3. Write an SQL query to find the length of each passenger's email address.
4. Write an SQL query to round the flight durations to the nearest hour.
5. Write an SQL query to calculate the duration of each flight in hours.
6. Write an SQL query to extract the day of the week for each flight's departure time.
7. Write an SQL query to determine which flights depart on a Saturday or Sunday.
8. Write an SQL query to identify flights that are scheduled to depart today.
9. Write an SQL query to extract the month of arrival for each flight.
10. Write an SQL query to concatenate the passenger's name and age, separated by a hyphen (-), for all passengers.
11. Write an SQL query to convert all passenger email addresses to uppercase.
12. Write an SQL query to extract the domain from the passenger email addresses.