

# Database Notebook Report.

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CELL1

```
CREATE TABLE professors (  
  professor_id SERIAL PRIMARY KEY,  
  first_name VARCHAR(50) NOT NULL,  
  last_name VARCHAR(50) NOT NULL,  
  specialty VARCHAR(100) NOT NULL,  
  phone_number VARCHAR(15) UNIQUE,  
  email VARCHAR(100) UNIQUE NOT NULL,  
  salary DECIMAL(10, 2) NOT NULL DEFAULT 0,  
  session_count INT DEFAULT 0,  
  CONSTRAINT valid_salary CHECK (salary >= 0),  
  CONSTRAINT valid_session_count CHECK (session_count >= 0),  
  CONSTRAINT valid_email CHECK (email ~* '^[A-Za-z0-9._%+-]+@[A-Za-z0-9.-]+\.[A-Za-z]{2,}<!-- __CUSTOM_SCRIPT__ -->#39;)  
);
```

Execute query Error: relation "professors" already exists

CELL2

```
CREATE TABLE professor_languages (  
  professor_id INT NOT NULL,  
  language VARCHAR(50) NOT NULL,  
  PRIMARY KEY (professor_id, language),  
  FOREIGN KEY (professor_id)  
    REFERENCES professors(professor_id)  
    ON DELETE CASCADE  
    ON UPDATE CASCADE  
);
```

Query Result   null rows affected (0.02 sec)

affectedRows	
INTEGER	
NULL	

CELL3

```
CREATE TABLE classes (  
  class_id SERIAL PRIMARY KEY,  
  capacity INT NOT NULL CHECK (capacity > 0),  
  start_date DATE NOT NULL,  
  end_date DATE NOT NULL,  
  class_time VARCHAR(50) NOT NULL,  
  class_days VARCHAR(50) NOT NULL,  
  professor_id INT NOT NULL,  
  FOREIGN KEY (professor_id)  
    REFERENCES professors(professor_id)  
    ON DELETE RESTRICT  
    ON UPDATE CASCADE,  
  CONSTRAINT valid_dates CHECK (end_date >= start_date),  
  CONSTRAINT valid_capacity CHECK (capacity <= 100)  
);
```





Query Result   null rows affected (0.02 sec)

affectedRows
INTEGER
NULL

## CELL4

```
CREATE TABLE students (  
  membership_id SERIAL PRIMARY KEY,  
  first_name VARCHAR(50) NOT NULL,  
  last_name VARCHAR(50) NOT NULL,  
  national_id VARCHAR(10) UNIQUE NOT NULL,  
  birth_date DATE NOT NULL,  
  phone_number VARCHAR(15) UNIQUE NOT NULL,  
  email VARCHAR(100) UNIQUE NOT NULL,  
  province VARCHAR(50) NOT NULL,  
  city VARCHAR(50) NOT NULL,  
  street VARCHAR(100) NOT NULL,  
  plaque VARCHAR(20) NOT NULL,  
  CONSTRAINT valid_email CHECK (email ~* '^[A-Za-z0-9._%+-]+@[A-Za-z0-9.-]+\.[A-Za-z]{2,}<!-- __CUSTOM_SCRIPT__ -->#39;),  
  CONSTRAINT valid_phone CHECK (phone_number ~ '^09[0-9]{9}<!-- __CUSTOM_SCRIPT__ -->#39;),  
  CONSTRAINT age_check CHECK (EXTRACT(YEAR FROM AGE(birth_date)) >= 5)  
);
```

Query Result   null rows affected (0.02 sec)

affectedRows
INTEGER
NULL

## CELL5

```
CREATE TABLE student_course_history (  
  membership_id INT NOT NULL,  
  course_name VARCHAR(100) NOT NULL,  
  PRIMARY KEY (membership_id, course_name),  
  FOREIGN KEY (membership_id)  
    REFERENCES students(membership_id)  
    ON DELETE CASCADE  
    ON UPDATE CASCADE  
);
```

Query Result   null rows affected (0.01 sec)

affectedRows
INTEGER
NULL

## CELL6

```
CREATE TABLE registrations (  
  registration_id SERIAL PRIMARY KEY,  
  registration_date DATE NOT NULL DEFAULT CURRENT_DATE,  
  membership_id INT NOT NULL,  
  FOREIGN KEY (membership_id)
```





```
REFERENCES students(membership_id)
ON DELETE CASCADE
ON UPDATE CASCADE,
CONSTRAINT valid_registration_date CHECK (registration_date <= CURRENT_DATE)
);
```

Query Result    null rows affected (0.02 sec)

affectedRows
INTEGER
NULL

## CELL7

```
CREATE TABLE courses (
  course_id SERIAL PRIMARY KEY,
  course_title VARCHAR(100) NOT NULL,
  course_level VARCHAR(50) NOT NULL,
  session_count INT NOT NULL CHECK (session_count > 0),
  course_status VARCHAR(20) DEFAULT 'فعال',
  course_capacity INT NOT NULL CHECK (course_capacity > 0),
  CONSTRAINT valid_status CHECK (course_status IN ('کنسل', 'تکمیل', 'غیرفعال', 'فعال')),
  CONSTRAINT valid_capacity CHECK (course_capacity <= 100)
);
```

Query Result    null rows affected (0.02 sec)

affectedRows
INTEGER
NULL

## CELL8

```
ALTER TABLE classes
ADD COLUMN course_id INT,
ADD CONSTRAINT fk_classes_course
  FOREIGN KEY (course_id)
  REFERENCES courses(course_id)
ON DELETE SET NULL
ON UPDATE CASCADE;
```

Query Result    null rows affected (0.01 sec)

affectedRows
INTEGER
NULL

## CELL9

```
CREATE TABLE sessions (
  session_id SERIAL PRIMARY KEY,
  session_status VARCHAR(20) NOT NULL DEFAULT 'برنامه ریزی شده',
  class_id INT NOT NULL,
  FOREIGN KEY (class_id)
    REFERENCES classes(class_id)
```





```
ON DELETE CASCADE
ON UPDATE CASCADE,
CONSTRAINT valid_session_status
CHECK (session_status IN ('تعویق' , 'کنسل' , 'تکمیل' , 'برنامه ریزی شده'))
);
```

Query Result    null rows affected (0.02 sec)

affectedRows
INTEGER
NULL

## CELL10

```
CREATE TABLE levels (
  level_id SERIAL PRIMARY KEY,
  level_name VARCHAR(50) NOT NULL UNIQUE
);
```

Query Result    null rows affected (0.01 sec)

affectedRows
INTEGER
NULL

## CELL11

```
ALTER TABLE courses
ADD COLUMN IF NOT EXISTS level_id INT;
ALTER TABLE courses
ADD CONSTRAINT fk_courses_level
  FOREIGN KEY (level_id)
  REFERENCES levels(level_id)
  ON DELETE SET NULL
  ON UPDATE CASCADE;
```

Query Result    undefined rows affected (0.01 sec)

affectedRows
INTEGER
NULL

## CELL12

```
ALTER TABLE registrations
ADD CONSTRAINT fk_registrations_class
  FOREIGN KEY (class_id)
  REFERENCES classes(class_id)
  ON DELETE CASCADE
  ON UPDATE CASCADE;
```

Query Result    null rows affected (0.01 sec)





affectedRows
INTEGER
NULL

CELL13

```
CREATE TABLE attendance (  
  session_id INT NOT NULL,  
  membership_id INT NOT NULL,  
  attendance_status VARCHAR(20) NOT NULL DEFAULT 'حاضر',  
  PRIMARY KEY (session_id, membership_id),  
  FOREIGN KEY (session_id)  
    REFERENCES sessions(session_id)  
    ON DELETE CASCADE  
    ON UPDATE CASCADE,  
  FOREIGN KEY (membership_id)  
    REFERENCES students(membership_id)  
    ON DELETE CASCADE  
    ON UPDATE CASCADE,  
  CONSTRAINT valid_attendance_status  
    CHECK (attendance_status IN ('حاضر', 'غایب', 'تاخیر'))  
);
```

Query Result   null rows affected (0.02 sec)

affectedRows
INTEGER
NULL

CELL14

```
CREATE TABLE payments (  
  payment_id SERIAL PRIMARY KEY,  
  amount DECIMAL(10, 2) NOT NULL CHECK (amount > 0),  
  payment_date DATE NOT NULL DEFAULT CURRENT_DATE,  
  payment_method VARCHAR(30) NOT NULL,  
  payment_status VARCHAR(20) NOT NULL DEFAULT 'انتظار',  
  CONSTRAINT valid_payment_method  
    CHECK (payment_method IN ('آنلاین', 'انتقال بانکی', 'کارت', 'نقد')),  
  CONSTRAINT valid_payment_status  
    CHECK (payment_status IN ('تکمیل', 'انتظار'))  
);
```

Query Result   null rows affected (0.02 sec)

affectedRows
INTEGER
NULL

CELL15

```
ALTER TABLE registrations  
ADD CONSTRAINT fk_registrations_payment  
  FOREIGN KEY (payment_id)  
  REFERENCES payments(payment_id)
```





```
ON DELETE SET NULL
ON UPDATE CASCADE;
```

Query Result    null rows affected (0.01 sec)

affectedRows
INTEGER
NULL

## CELL16

```
INSERT INTO levels (level_name) VALUES
('مقدماتی'),
('متوسط'),
('پیشرفته'),
('حرفه‌ای');
```

Query Result    4 rows affected (0.01 sec)

affectedRows
INTEGER
4

## CELL17

```
INSERT INTO professors (first_name, last_name, specialty, phone_number, email, salary, session_count) VALUES
('09121234567' , 'آیلتس' , 'محمدی' , 'علی' , 'ali.mohammadi@example.com' , 15000000 , 10),
('09129876543' , 'تافل' , 'کریمی' , 'فاطمه' , 'fatemeh.karimi@example.com' , 18000000 , 12),
('09123456789' , 'مکالمه' , 'احمدی' , 'رضا' , 'reza.ahmadi@example.com' , 16000000 , 8);
```

Query Result    3 rows affected (0.01 sec)

affectedRows
INTEGER
3

## CELL18

```
INSERT INTO professor_languages (professor_id, language) VALUES
(1, 'انگلیسی'),
(1, 'فرانسوی'),
(2, 'انگلیسی'),
(2, 'آلمانی'),
(3, 'انگلیسی'),
(3, 'اسپانیایی');
```

Query Result    6 rows affected (0.01 sec)

affectedRows
INTEGER
6

⬆



## CELL19

```
INSERT INTO courses (course_title, course_level, session_count, course_status, course_capacity, level_id) VALUES
('30فعال', 20, 'پیشرفته', 3),
('25فعال', 25, 'پیشرفته', 3),
('20فعال', 15, 'متوسط', 2),
('10فعال', 10, 'مقدماتی', 1);
```

Query Result 4 rows affected (0.01 sec)

affectedRows
INTEGER
4

## CELL20

```
INSERT INTO students (first_name, last_name, national_id, birth_date, phone_number, email, province, city, street, plaque) VALU
('تهران', 'تهران', 'ولیعصر', '۱۲۳', 'sara.ahmadi@example.com', 'سارا', 'احمدی', '0123456789', '15-03-1995', '09121112233'),
('تهران', 'تهران', 'انقلاب', '۴۵۶', 'ali.noori@example.com', 'علی', 'نوری', '9876543210', '22-07-1998', '09122223344'),
('البرز', 'کرج', 'گلستان', '۷۸۹', 'maryam.jafari@example.com', 'مریم', 'جعفری', '4567891230', '30-11-2000', '09123334455');
```



Query Result 3 rows affected (0.01 sec)

affectedRows
INTEGER
3

## CELL21

```
INSERT INTO student_course_history (membership_id, course_name) VALUES
(1, 'آیلتس جنرال'),
(1, 'تافل'),
(2, 'مکالمه مقدماتی'),
(3, 'گرامر پیشرفته'),
(3, 'واژشناسی');
```

Query Result 5 rows affected (0.01 sec)

affectedRows
INTEGER
5

## CELL22

```
INSERT INTO classes (capacity, start_date, end_date, class_time, class_days, professor_id, course_id) VALUES
(15, '2024-01-15', '2024-04-15', '08:00-10:00', '1, 1', 'شنبه-دوشنبه'),
(12, '2024-01-16', '2024-04-16', '10:00-12:00', '2, 2', 'یکشنبه-سه‌شنبه'),
(10, '2024-01-17', '2024-04-17', '14:00-16:00', '3, 3', 'دوشنبه-چهارشنبه');
```

Query Result 3 rows affected (0.01 sec)





affectedRows
INTEGER
3

CELL23

```
INSERT INTO payments (amount, payment_date, payment_method, payment_status) VALUES
(1500000, '2024-01-10', 'تکمیل', 'کارت'),
(1500000, '2024-01-11', 'تکمیل', 'نقد'),
(1500000, '2024-01-12', 'تکمیل', 'انتقال بانکی'),
(1800000, '2024-01-12', 'انتظار', 'کارت'),
(1200000, '2024-01-13', 'تکمیل', 'آنلاین');
```

Query Result 5 rows affected (0.00 sec)

affectedRows
INTEGER
5

CELL24

```
INSERT INTO registrations (registration_date, membership_id, class_id, payment_id) VALUES
('2024-01-10', 1, 1, 1),
('2024-01-11', 2, 1, 2),
('2024-01-12', 3, 1, 3),
('2024-01-12', 1, 2, 4),
('2024-01-13', 2, 3, 5);
```

Query Result 5 rows affected (0.01 sec)

affectedRows
INTEGER
5

CELL25

```
INSERT INTO sessions (session_status, class_id) VALUES
('1', 'تکمیل'),
('1', 'تکمیل'),
('1', 'برنامه ریزی شده'),
('1', 'برنامه ریزی شده'),
('2', 'تکمیل'),
('2', 'برنامه ریزی شده'),
('3', 'تکمیل');
```

Query Result 7 rows affected (0.01 sec)

affectedRows
INTEGER
7

CELL26





```
INSERT INTO attendance (session_id, membership_id, attendance_status) VALUES
(1, 1, 'حاضر'),
(1, 2, 'تاخير'),
(1, 3, 'حاضر'),
(2, 1, 'حاضر'),
(2, 2, 'غايب'),
(2, 3, 'حاضر'),
(5, 1, 'حاضر'),
(7, 2, 'حاضر');
```

Query Result 8 rows affected (0.01 sec)

affectedRows
INTEGER
8

CELL27

```
SELECT * FROM levels
```

Query Result 4 rows in set (0.00 sec)

level_id	level_name
INTEGER	VARCHAR
1	مقدماتی
2	متوسط
3	پیشرفته
4	حرفه ای

CELL28

```
select * from professors
```

Query Result 3 rows in set (0.01 sec)

professor_id	first_name	last_name	specialty	phone_number	email	salary	session_count
INTEGER	VARCHAR	VARCHAR	VARCHAR	VARCHAR	VARCHAR	NUMERIC	INTEGER
1	علی	محمدی	آیلتس	09121234567	ali.mohammadi@example.com	15000000.00	10
2	فاطمه	کریمی	تافل	09129876543	fatemeh.karimi@example.com	18000000.00	12
3	رضا	احمدی	مکالمه	09123456789	reza.ahmadi@example.com	16000000.00	8

CELL29

```
select * from professor_languages
```

Query Result 6 rows in set (0.00 sec)

professor_id	language
INTEGER	VARCHAR
1	انگلیسی



professor_id	language
INTEGER	VARCHAR
1	فرانسوی
2	انگلیسی
2	آلمانی
3	انگلیسی
3	اسپانیایی

CELL30

select \* from students

Query Result 3 rows in set (0.01 sec)

membership_id	first_name	last_name	national_id	birth_date	phone_number	email	province	city	street	plaque
INTEGER	VARCHAR	VARCHAR	VARCHAR	DATE	VARCHAR	VARCHAR	VARCHAR	VARCHAR	VARCHAR	VARCHAR
1	سارا	احمدی	0123456789	1995-03-15	09121112233	sara.ahmadi@example.com	تهران	تهران	ولیعصر	۱۲۳
2	علی	نوری	9876543210	1998-07-22	09122223344	ali.noori@example.com	تهران	تهران	انقلاب	۴۵۶
3	مریم	جعفری	4567891230	2000-11-30	09123334455	maryam.jafari@example.com	البرز	کرج	گلستان	۷۸۹

CELL31

select \* from student\_course\_history

Query Result 5 rows in set (0.00 sec)

membership_id	course_name
INTEGER	VARCHAR
1	آیلتس جنرال
1	تافل
2	مکالمه مقدماتی
3	گرامر پیشرفته
3	واژه شناسی

CELL32

select \* from sessions

Query Result 7 rows in set (0.00 sec)

session_id	session_status	class_id
INTEGER	VARCHAR	INTEGER
1	تکمیل	1
2	تکمیل	1
3	برنامه ریزی شده	1
4	برنامه ریزی شده	1
5	تکمیل	2



session_id	session_status	class_id
INTEGER	VARCHAR	INTEGER
6	برنامه ریزی شده	2
7	تکمیل	3

CELL33

select \* from attendance

Query Result 8 rows in set (0.00 sec)

session_id	membership_id	attendance_status
INTEGER	INTEGER	VARCHAR
1	1	حاضر
1	2	تاخیر
1	3	حاضر
2	1	حاضر
2	2	غایب
2	3	حاضر
5	1	حاضر
7	2	حاضر

CELL34

select \* from registrations

Query Result 5 rows in set (0.00 sec)

registration_id	registration_date	membership_id	class_id	payment_id
INTEGER	DATE	INTEGER	INTEGER	INTEGER
1	2024-01-10	1	1	1
2	2024-01-11	2	1	2
3	2024-01-12	3	1	3
4	2024-01-12	1	2	4
5	2024-01-13	2	3	5

CELL35

select \* from payments

Query Result 5 rows in set (0.00 sec)

payment_id	amount	payment_date	payment_method	payment_status
INTEGER	NUMERIC	DATE	VARCHAR	VARCHAR
1	1500000.00	2024-01-10	کارت	تکمیل
2	1500000.00	2024-01-11	نقد	تکمیل
3	1500000.00	2024-01-12	انتقال بانکی	تکمیل
4	1800000.00	2024-01-12	کارت	انتظار
5	1200000.00	2024-01-13	آنلاین	تکمیل



CELL36

```
select * from classes
```

Query Result 3 rows in set (0.00 sec)

class_id	capacity	start_date	end_date	class_time	class_days	professor_id	course_id
INTEGER	INTEGER	DATE	DATE	VARCHAR	VARCHAR	INTEGER	INTEGER
1	15	2024-01-15	2024-04-15	08:00-10:00	شنبه-دوشنبه	1	1
2	12	2024-01-16	2024-04-16	10:00-12:00	یکشنبه-سه شنبه	2	2
3	10	2024-01-17	2024-04-17	14:00-16:00	دوشنبه-چهارشنبه	3	3

CELL37

```
select * from courses
```

Query Result 4 rows in set (0.00 sec)

course_id	course_title	course_level	session_count	course_status	course_capacity	level_id
INTEGER	VARCHAR	VARCHAR	INTEGER	VARCHAR	INTEGER	INTEGER
1	آپلتس آکادمیک	پیشرفته	20	فعال	30	3
2	تافل اینترنتی	پیشرفته	25	فعال	25	3
3	مکالمه روزمره	متوسط	15	فعال	20	2
4	گرامر پایه	مقدماتی	10	فعال	15	1

CELL38

```
UPDATE professors
SET session_count = session_count + 5
WHERE session_count < 15 AND salary > 10000000;
```

Query Result 3 rows affected (0.01 sec)

affectedRows
INTEGER
3

CELL39

```
UPDATE professors
SET email = 'new.email@example.com'
WHERE professor_id = 1;
```

Query Result 1 row affected (0.01 sec)

affectedRows
INTEGER
1





## CELL40

```
DELETE FROM professors
WHERE session_count = 0 AND salary < 5000000;
```

Query Result 0 rows affected (0.00 sec)

affectedRows
INTEGER
0

## CELL41

```
UPDATE classes
SET professor_id = 2
WHERE professor_id = 1;
DELETE FROM professors WHERE professor_id = 1;
```

Query Result undefined rows affected (0.01 sec)

affectedRows
INTEGER
NULL

## CELL42

```
UPDATE professor_languages
SET language = 'انگلیسی آکادمیک'
WHERE professor_id = 2 AND language = 'آلمانی';
```

Query Result 1 row affected (0.01 sec)

affectedRows
INTEGER
1

## CELL43

```
DELETE FROM professor_languages
WHERE professor_id = 3 AND language = 'انگلیسی';
```

Query Result 1 row affected (0.01 sec)

affectedRows
INTEGER
1

## CELL44





```
UPDATE students
SET phone_number = '09129998877',
    email = 'new.email@example.com'
WHERE membership_id = 1;
```

Query Result 1 row affected (0.01 sec)

affectedRows
INTEGER
1

CELL45

```
DELETE FROM registrations WHERE membership_id = 1;
DELETE FROM students WHERE membership_id = 1;
```

Query Result undefined rows affected (0.01 sec)

affectedRows
INTEGER
NULL

CELL46

```
UPDATE classes
SET capacity = 20,
    class_time = '09:00-11:00'
WHERE class_id = 1;
```

Query Result 1 row affected (0.01 sec)

affectedRows
INTEGER
1

CELL47

```
DELETE FROM registrations WHERE class_id = 2;
DELETE FROM sessions WHERE class_id = 2;
DELETE FROM classes WHERE class_id = 2;
```

Query Result undefined rows affected (0.01 sec)

affectedRows
INTEGER
NULL

CELL48





```
UPDATE sessions
SET session_status = 'کنسل'
WHERE session_id = 3;
```

Query Result 1 row affected (0.01 sec)

affectedRows
INTEGER
1

CELL49

```
DELETE FROM attendance WHERE session_id = 2;
DELETE FROM sessions WHERE session_id = 2;
```

Query Result undefined rows affected (0.01 sec)

affectedRows
INTEGER
NULL

CELL50

```
UPDATE registrations
SET payment_id = 5,
    registration_date = '2024-02-01'
WHERE registration_id = 2 ;
```

Query Result 1 row affected (0.01 sec)

affectedRows
INTEGER
1

CELL51

```
DELETE FROM registrations WHERE registration_id = 3;
```

Query Result 1 row affected (0.01 sec)

affectedRows
INTEGER
1

CELL52

```
SELECT * FROM professors
```





Query Result 2 rows in set (0.00 sec)

professor_id	first_name	last_name	specialty	phone_number	email	salary	session_count
INTEGER	VARCHAR	VARCHAR	VARCHAR	VARCHAR	VARCHAR	NUMERIC	INTEGER
2	فاطمه	کریمی	تافل	09129876543	fatemeh.karimi@example.com	18000000.00	17
3	رضا	احمدی	مکالمه	09123456789	reza.ahmadi@example.com	16000000.00	13

CELL53

SELECT \* FROM professor\_languages

Query Result 3 rows in set (0.00 sec)

professor_id	language
INTEGER	VARCHAR
2	انگلیسی
3	اسپانیایی
2	انگلیسی آکادمیک

CELL54

SELECT \* FROM classes

Query Result 2 rows in set (0.00 sec)

class_id	capacity	start_date	end_date	class_time	class_days	professor_id	course_id
INTEGER	INTEGER	DATE	DATE	VARCHAR	VARCHAR	INTEGER	INTEGER
3	10	2024-01-17	2024-04-17	14:00-16:00	دوشنبه-چهارشنبه	3	3
1	20	2024-01-15	2024-04-15	09:00-11:00	شنبه-دوشنبه	2	1

CELL55

SELECT \* FROM students

Query Result 2 rows in set (0.00 sec)

membership_id	first_name	last_name	national_id	birth_date	phone_number	email	province	city	street	plaque
INTEGER	VARCHAR	VARCHAR	VARCHAR	DATE	VARCHAR	VARCHAR	VARCHAR	VARCHAR	VARCHAR	VARCHAR
2	علی	نوری	9876543210	1998-07-22	09122223344	ali.noori@example.com	تهران	تهران	انقلاب	۴۵۶
3	مریم	جعفری	4567891230	2000-11-30	09123334455	maryam.jafari@example.com	البرز	کرج	گلستان	۷۸۹

CELL56

SELECT \* FROM student\_course\_history





Query Result   3 rows in set (0.00 sec)

membership_id	course_name
INTEGER	VARCHAR
2	مکالمه مقدماتی
3	گرامر پیشرفته
3	واژه‌شناسی

CELL57

SELECT \* FROM registrations

Query Result   2 rows in set (0.00 sec)

registration_id	registration_date	membership_id	class_id	payment_id
INTEGER	DATE	INTEGER	INTEGER	INTEGER
5	2024-01-13	2	3	5
2	2024-02-01	2	1	5

CELL58

SELECT \* FROM courses

Query Result   4 rows in set (0.00 sec)

course_id	course_title	course_level	session_count	course_status	course_capacity	level_id
INTEGER	VARCHAR	VARCHAR	INTEGER	VARCHAR	INTEGER	INTEGER
1	آیلتس آکادمیک	پیشرفته	20	فعال	30	3
2	تافل اینترنتی	پیشرفته	25	فعال	25	3
3	مکالمه روزمره	متوسط	15	فعال	20	2
4	گرامر پایه	مقدماتی	10	فعال	15	1

CELL59

SELECT \* FROM sessions

Query Result   4 rows in set (0.00 sec)

session_id	session_status	class_id
INTEGER	VARCHAR	INTEGER
1	تکمیل	1
4	برنامه ریزی شده	1
7	تکمیل	3
3	کنسل	1

CELL60

SELECT \* FROM payments





Query Result    5 rows in set (0.00 sec)

payment_id	amount	payment_date	payment_method	payment_status
INTEGER	NUMERIC	DATE	VARCHAR	VARCHAR
1	1500000.00	2024-01-10	کارت	تکمیل
2	1500000.00	2024-01-11	نقد	تکمیل
3	1500000.00	2024-01-12	انتقال بانکی	تکمیل
4	1800000.00	2024-01-12	کارت	انتظار
5	1200000.00	2024-01-13	آنلاین	تکمیل

CELL61

SELECT \* FROM levels

Query Result    4 rows in set (0.00 sec)

level_id	level_name
INTEGER	VARCHAR
1	مقدماتی
2	متوسط
3	پیشرفته
4	حرفه ای

CELL62

SELECT \* FROM attendance

Query Result    3 rows in set (0.00 sec)

session_id	membership_id	attendance_status
INTEGER	INTEGER	VARCHAR
1	2	تاخیر
1	3	حاضر
7	2	حاضر



This report was generated at 2025-12-19 16:25 in [Database notebook](#)  
c:\Users\Click\OneDrive\Desktop\1219\_1625\_Untitled-2.dbn.html

