

Project: Using a database & SQL to tell a story about our data

SPRINT: 4 (Populate the Tables with Data)

Please find below the screenshots of the tables populated with data.

1. Employee

The screenshot shows the DBeaver interface with the 'Employee' table selected. The table contains 20 records with columns: EmpID, ProjectID, ExitID, OffsiteID, Source_RecID, Martial_Status, Gender, DOB, Position, Citizen, ProjCount, and Sta. The data is as follows:

EmpID	ProjectID	ExitID	OffsiteID	Source_RecID	Martial_Status	Gender	DOB	Position	Citizen	ProjCount	Sta
1,001	1	E001	O001	R001	Single	Male	1990-05-12	Developer	US Citizen	3	Califo
2	1,002	2	E002	O002	Married	Female	1985-08-22	Manager	Permanent Resident	5	Texas
3	1,003	3	E003	O003	Single	Male	1993-12-01	Tester	US Citizen	2	Florid
4	1,004	4	E004	O004	Married	Female	1988-06-10	Analyst	US Citizen	4	Arizon
5	1,005	1	E005	O005	Single	Male	1991-09-15	Developer	US Citizen	3	Califo
6	1,006	2	E006	O006	Married	Female	1986-02-28	Manager	Permanent Resident	5	Texas
7	1,007	3	E007	O007	Single	Male	1994-07-20	Tester	US Citizen	2	Florid
8	1,008	4	E008	O008	Married	Female	1989-11-05	Analyst	US Citizen	4	Arizon
9	1,009	1	E009	O009	Single	Male	1992-04-18	Developer	US Citizen	3	Califo
10	1,010	2	E010	O010	Married	Female	1987-09-30	Manager	Permanent Resident	5	Texas
11	1,011	3	E011	O011	Single	Male	1995-01-25	Tester	US Citizen	2	Florid
12	1,012	4	E012	O012	Married	Female	1990-06-08	Analyst	US Citizen	4	Arizon
13	1,013	1	E013	O013	Single	Male	1993-05-28	Developer	US Citizen	3	Califo
14	1,014	2	E014	O014	Married	Female	1988-10-15	Manager	Permanent Resident	5	Texas
15	1,015	3	E015	O015	Single	Male	1994-03-10	Tester	US Citizen	2	Florid
16	1,016	4	E016	O016	Married	Female	1989-07-25	Analyst	US Citizen	4	Arizon
17	1,017	1	E017	O017	Single	Male	1992-08-18	Developer	US Citizen	3	Califo
18	1,018	2	E018	O018	Married	Female	1987-01-05	Manager	Permanent Resident	5	Texas
19	1,019	3	E019	O019	Single	Male	1995-04-20	Tester	US Citizen	2	Florid
20	1,020	4	E020	O020	Married	Female	1990-09-30	Analyst	US Citizen	4	Arizon

2. EmpHealth

The screenshot shows the DBeaver interface with the 'EmpHealth' table selected. The table contains 20 records with columns: EmpHealthID, PayrollID, EmpSatisfaction, Engagement, Last_30_Days_Late, Absence, and PerformanceScore. The data is as follows:

EmpHealthID	PayrollID	EmpSatisfaction	Engagement	Last_30_Days_Late	Absence	PerformanceScore
EH001	P001	85	90	2	1 A	
EH002	P002	90	92	1	0 B	
EH003	P003	78	85	3	2 C	
EH004	P004	88	88	0	1 A	
EH005	P005	80	91	2	1 B	
EH006	P006	92	94	0	0 A	
EH007	P007	85	89	1	1 B	
EH008	P008	89	87	2	0 C	
EH009	P009	76	80	4	3 D	
EH010	P010	94	96	0	0 A	
EH011	P011	82	88	2	2 B	
EH012	P012	87	90	1	0 A	
EH013	P013	75	78	5	4 D	
EH014	P014	86	85	1	1 C	
EH015	P015	81	87	2	1 B	
EH016	P016	91	92	0	0 A	
EH017	P017	79	82	3	2 C	
EH018	P018	93	95	0	0 A	
EH019	P019	84	88	1	1 B	
EH020	P020	88	90	1	0 A	

3. Attrition

The screenshot shows the SQL Developer interface with the 'Attrition' table selected. The table contains 20 rows of data. The columns are ExitID, DateOfTermination, ExitReason, and Type_Exit. The data is displayed in a grid view. The status bar at the bottom indicates that 20 rows were fetched on 2023-10-24 at 20:01:54.

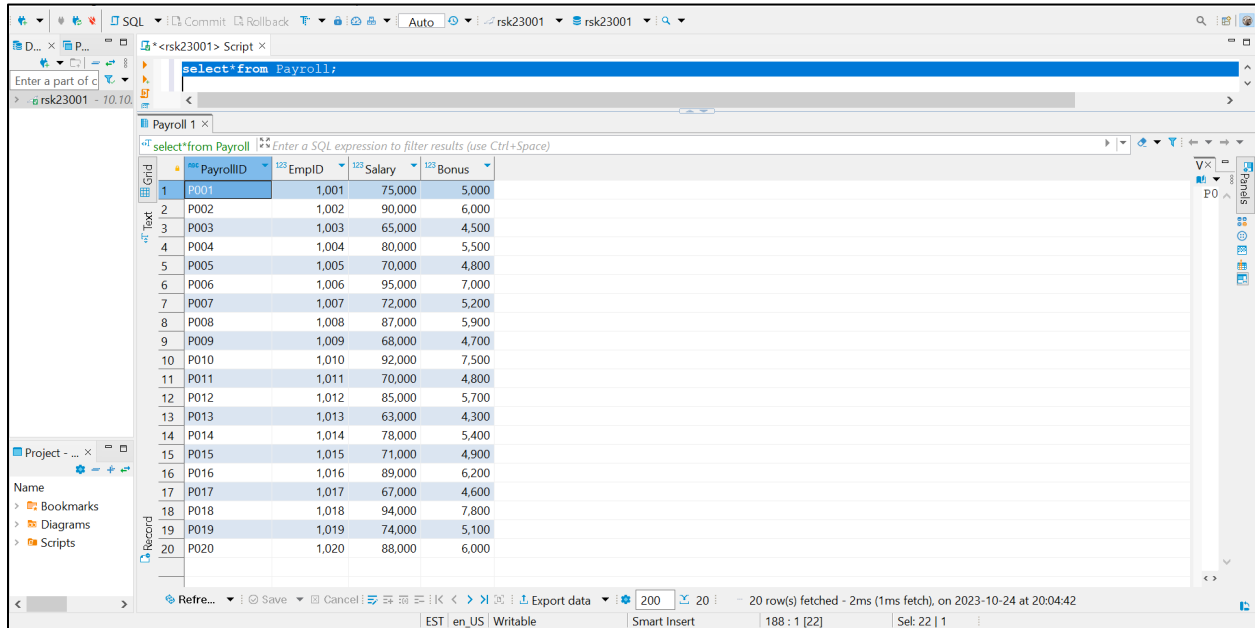
ExitID	DateOfTermination	ExitReason	Type_Exit
E001	2023-02-28	Resignation	Voluntary
E002	2023-03-15	Layoff	Involuntary
E003	2023-04-10	Retirement	Voluntary
E004	2023-05-20	Job Change	Voluntary
E005	2023-06-15	Relocation	Voluntary
E006	2023-07-05	Company Closure	Involuntary
E007	2023-08-18	Health Issues	Voluntary
E008	2023-09-25	Career Change	Voluntary
E009	2023-10-08	Personal Reasons	Voluntary
E010	2023-11-12	Contract Ended	Involuntary
E011	2023-12-20	Better Opportunity	Voluntary
E012	2024-01-15	End of Internship	Involuntary
E013	2024-02-28	Family Matters	Voluntary
E014	2024-03-10	Job Dissatisfaction	Voluntary
E015	2024-04-18	Relocation	Voluntary
E016	2024-05-25	Position Eliminated	Involuntary
E017	2024-06-08	Education Pursuit	Voluntary
E018	2024-07-15	Job Change	Voluntary
E019	2024-08-20	Health Reasons	Voluntary
E020	2024-09-30	Contract Ended	Involuntary

4. Off_site

The screenshot shows the SQL Developer interface with the 'Off_site' table selected. The table contains 20 rows of data. The columns are OffsiteID, OffsiteLocation, OffsiteType, and Duration. The data is displayed in a grid view. The status bar at the bottom indicates that 20 rows were fetched on 2023-10-24 at 20:00:48.

OffsiteID	OffsiteLocation	OffsiteType	Duration
O001	Client Site A	Training	5
O002	Offshore B	Development	10
O003	Client Site C	Meeting	8
O004	Offshore D	Training	6
O005	Client Site E	Development	12
O006	Offshore F	Meeting	7
O007	Client Site G	Training	9
O008	Offshore H	Development	11
O009	Client Site I	Meeting	8
O010	Offshore J	Training	6
O011	Client Site K	Development	10
O012	Offshore L	Meeting	7
O013	Client Site M	Training	8
O014	Offshore N	Development	9
O015	Client Site O	Meeting	10
O016	Offshore P	Training	5
O017	Client Site Q	Development	11
O018	Offshore R	Meeting	7
O019	Client Site S	Training	8
O020	Offshore T	Development	12

5. Payroll

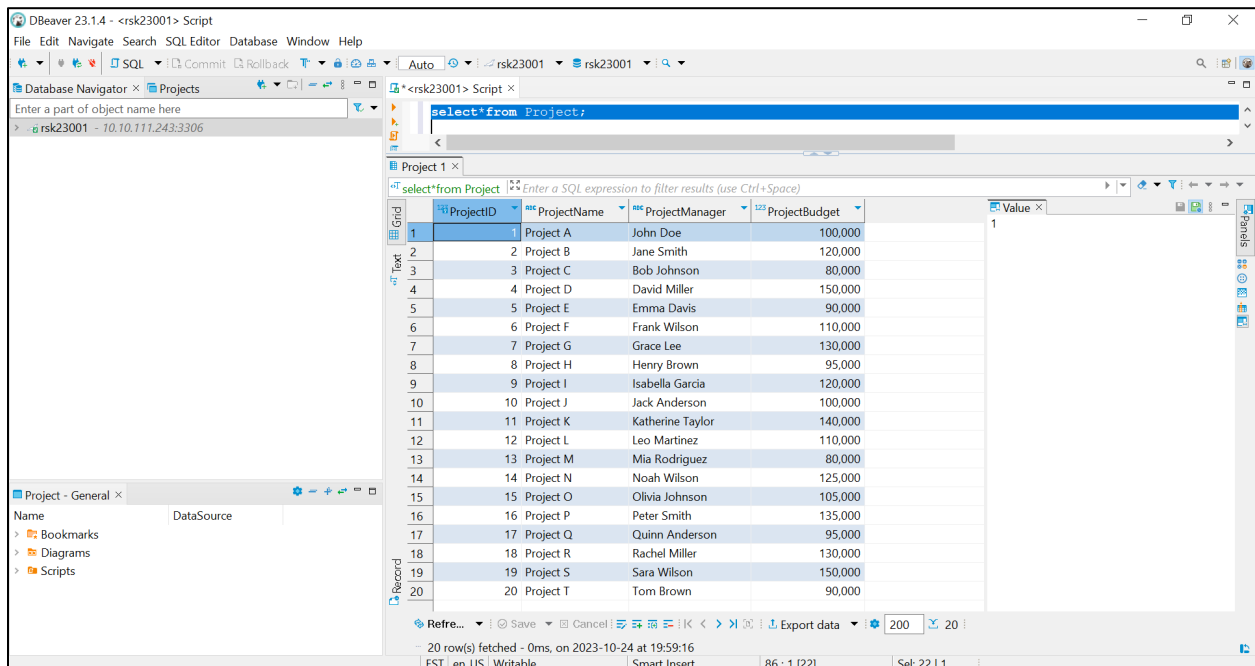


The screenshot shows the DBeaver SQL Editor interface. The top toolbar includes buttons for SQL, Commit, Rollback, and Auto. The main editor area contains the query `select*from Payroll;`. Below the query, a grid displays the results of the query. The grid has columns for PayrollID, EmpID, Salary, and Bonus. The data is as follows:

PayrollID	EmpID	Salary	Bonus
P001	1,001	75,000	5,000
P002	1,002	90,000	6,000
P003	1,003	65,000	4,500
P004	1,004	80,000	5,500
P005	1,005	70,000	4,800
P006	1,006	95,000	7,000
P007	1,007	72,000	5,200
P008	1,008	87,000	5,900
P009	1,009	68,000	4,700
P010	1,010	92,000	7,500
P011	1,011	70,000	4,800
P012	1,012	85,000	5,700
P013	1,013	63,000	4,300
P014	1,014	78,000	5,400
P015	1,015	71,000	4,900
P016	1,016	89,000	6,200
P017	1,017	67,000	4,600
P018	1,018	94,000	7,800
P019	1,019	74,000	5,100
P020	1,020	88,000	6,000

The bottom status bar indicates that 20 row(s) were fetched in 2ms (1ms fetch) on 2023-10-24 at 20:04:42. The database is identified as EST en_US Writable, and the table is Smart Insert.

6. Project

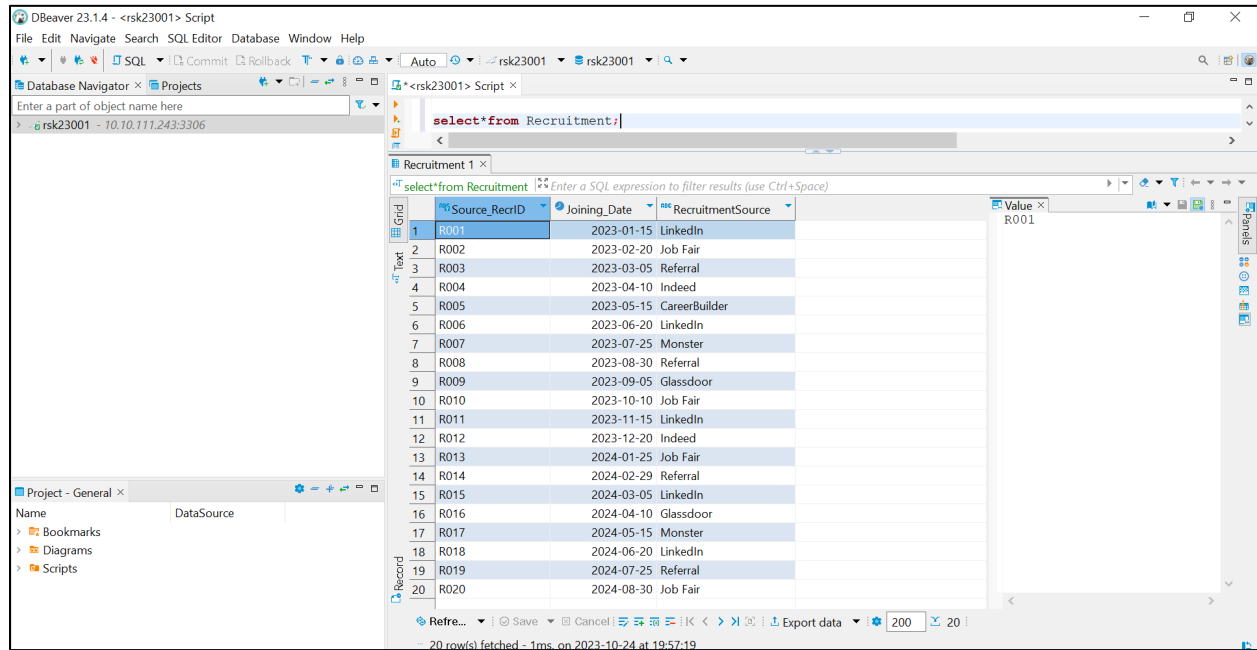


The screenshot shows the DBeaver SQL Editor interface. The top toolbar includes buttons for SQL, Commit, Rollback, and Auto. The main editor area contains the query `select*from Project;`. Below the query, a grid displays the results of the query. The grid has columns for ProjectID, ProjectName, ProjectManager, and ProjectBudget. The data is as follows:

ProjectID	ProjectName	ProjectManager	ProjectBudget
1	Project A	John Doe	100,000
2	Project B	Jane Smith	120,000
3	Project C	Bob Johnson	80,000
4	Project D	David Miller	150,000
5	Project E	Emma Davis	90,000
6	Project F	Frank Wilson	110,000
7	Project G	Grace Lee	130,000
8	Project H	Henry Brown	95,000
9	Project I	Isabella Garcia	120,000
10	Project J	Jack Anderson	100,000
11	Project K	Katherine Taylor	140,000
12	Project L	Leo Martinez	110,000
13	Project M	Mia Rodriguez	80,000
14	Project N	Noah Wilson	125,000
15	Project O	Olivia Johnson	105,000
16	Project P	Peter Smith	135,000
17	Project Q	Quinn Anderson	95,000
18	Project R	Rachel Miller	130,000
19	Project S	Sara Wilson	150,000
20	Project T	Tom Brown	90,000

The bottom status bar indicates that 20 row(s) were fetched in 0ms on 2023-10-24 at 19:59:16. The database is identified as EST en_US Writable, and the table is Smart Insert.

7. Recruitment



The screenshot shows the DBeaver 23.1.4 interface. The SQL Editor at the top contains the query `select * from Recruitment;`. Below the editor, the 'Recruitment 1' result set is displayed in a grid view. The grid has columns for 'Source_RecrID', 'Joining_Date', and 'RecruitmentSource'. The data is organized into 20 rows, with the first row (R001) highlighted. The status bar at the bottom indicates '20 row(s) fetched - 1 ms. on 2023-10-24 at 19:57:19'.

	Source_RecrID	Joining_Date	RecruitmentSource
1	R001	2023-01-15	LinkedIn
2	R002	2023-02-20	Job Fair
3	R003	2023-03-05	Referral
4	R004	2023-04-10	Indeed
5	R005	2023-05-15	CareerBuilder
6	R006	2023-06-20	LinkedIn
7	R007	2023-07-25	Monster
8	R008	2023-08-30	Referral
9	R009	2023-09-05	Glassdoor
10	R010	2023-10-10	Job Fair
11	R011	2023-11-15	LinkedIn
12	R012	2023-12-20	Indeed
13	R013	2024-01-25	Job Fair
14	R014	2024-02-29	Referral
15	R015	2024-03-05	LinkedIn
16	R016	2024-04-10	Glassdoor
17	R017	2024-05-15	Monster
18	R018	2024-06-20	LinkedIn
19	R019	2024-07-25	Referral
20	R020	2024-08-30	Job Fair