MySQL Workbench

1010

Olivia

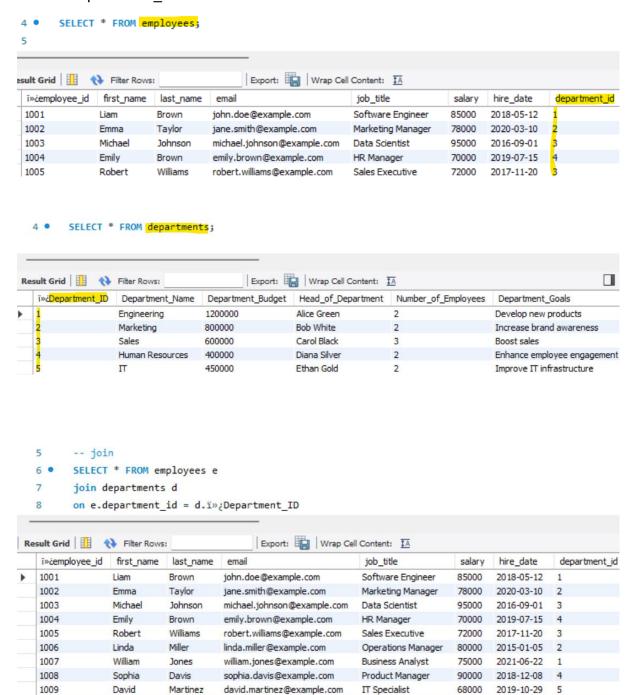
Wilson

olivia.wilson@example.com

Finance Analyst

83000 2016-04-18 5

 We can join employees and departments table based on the column 'department id'

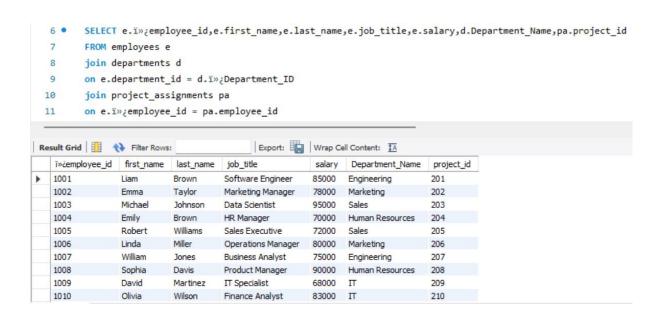


 Next project_assignments table is joined with employees table which have employee id in common.

We are using inner join here.



Retrieving all the columns which are required



Final table:

```
10
                                \textbf{SELECT} \ \texttt{e.in}_{\texttt{e}} \texttt{employee} \underline{\texttt{id}}_{\texttt{e}}. \texttt{first}\underline{\texttt{name}}_{\texttt{e}}. \texttt{last}\underline{\texttt{name}}_{\texttt{e}}. \texttt{job}\underline{\texttt{title}}_{\texttt{e}}. \texttt{e.salary}, \texttt{d.Department}\underline{\texttt{Name}}_{\texttt{d}}. \texttt{Department}\underline{\texttt{Budget}}_{\texttt{d}}. \texttt{Department}\underline{\texttt{Goals}}, \texttt{d.Department}\underline{\texttt{mame}}_{\texttt{d}}. 
 11
                                pa.project_id,ps.project_budget,ps.project_name,ps.status
                               FROM employees e
12
13
                              join departments d
                                on e.department_id = d.Department_ID
                              join project_assignments pa
15
16
                                on e.employee_id = pa.employee_id
 17
                               join project_status ps
18
                               on pa.project id = ps.project id
 esult Grid III Filter Rows:
                                                                                                                                                  Export: Wrap Cell Content: 🔣
        ī»¿employee_id first_name last_name job_title
                                                                                                                                                                                                                   salary Department_Name Department_Budget Department_Goals
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         project_id project_budget project_name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             status
                                                                                                                                             Software Engineer
                                                                                                                                                                                                                   85000
                                                                                                                                                                                                                                                                                                               1200000
                                                                                                                                                                                                                                                                                                                                                                                  Develop new products
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                60000
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        1001
                                                                                                                                                                                                                                              Engineering
                                                             Liam
                                                                                                      Brown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         201
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        1002
                                                                                                     Taylor
                                                                                                                                            Marketing Manager
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        1003
                                                             Michael
                                                                                                      Johnson
                                                                                                                                            Data Scientist
                                                                                                                                                                                                                  95000
                                                                                                                                                                                                                                             Sales
                                                                                                                                                                                                                                                                                                               600000
                                                                                                                                                                                                                                                                                                                                                                                  Boost sales
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                                                           Emily Brown
                                                                                                                                           HR Manager
        1004
                                                                                                                                                                                                                 70000 Human Resources
                                                                                                                                                                                                                                                                                                            400000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               50000
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                                                                                                                                                                                                                                                                                                                                                                                  Enhance employee engagement
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                                                             Robert
                                                                                                      Williams
                                                                                                                                             Sales Executive
                                                                                                                                                                                                                   72000
                                                                                                                                                                                                                                                                                                               600000
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                                                                                                                                                                                                                                                                                                                                                                                  Boost sales
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                                                           Linda Miller
                                                                                                                                           Operations Manager 80000 Marketing
      1006
                                                                                                                                                                                                                                                                                                              800000
                                                                                                                                                                                                                                                                                                                                                                                  Increase brand awareness
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