

## STEP 1: CONNECT CSV FILE WITH MYSQL

The screenshot shows the MySQL Workbench interface. The 'Query 1' window contains the following SQL commands:

```
1 • create database banking_case;
2 • use banking_case;
3 • show tables;
4
5 • select * from customer;
6
7
```

The 'Result Grid' displays the output of the 'select \* from customer;' query, showing 10 rows of customer data. The columns include InvClient ID, Name, Age, Location ID, Joined Bank, Banking Contact, Nationality, Occupation, Fee Structure, Loyalty Classification, Estimated Income, Superannuation Savings, Amount of Credit Cards, and Ch. Bal.

InvClient ID	Name	Age	Location ID	Joined Bank	Banking Contact	Nationality	Occupation	Fee Structure	Loyalty Classification	Estimated Income	Superannuation Savings	Amount of Credit Cards	Ch. Bal
IND81288	Raymond Mills	24	34324	06-05-2019	Anthony Torres	American	Safety Technician IV	High	Jade	75384.77	17677.95	1	484
IND65833	Julia Spencer	23	42205	10-12-2001	Jonathan Hawkins	African	Software Consultant	High	Jade	289834.31	17398.92	1	225
IND47499	Stephen Murray	27	7314	25-01-2010	Anthony Berry	European	Help Desk Operator	High	Gold	169935.23	42825.9	2	456
IND72498	Virginia Garza	40	34594	28-03-2019	Steve Diaz	American	Geologist II	Mid	Silver	356808.11	5473.15	2	420
IND60181	Melissa Sanders	46	41269	20-07-2012	Shawn Long	American	Assistant Professor	Mid	Platinum	130711.68	48077.6	1	277
IND78532	Samuel Hudson	23	13204	07-02-2019	Douglas Tucker	American	Help Desk Technician	High	Silver	118326.96	6028.2	2	514
IND95683	Timothy Alexander	46	42910	02-06-2002	Douglas Tucker	Asian	Account Coordinator	High	Gold	57336.47	13929.36	1	959
IND40785	Carl Martin	78	6127	03-11-2000	Steve Diaz	European	Automation Specialist II	Mid	Gold	65125.8	31077.8	1	457
IND13570	Philp Day	67	32656	07-04-2015	Bruce Butler	Asian	Software Test Engineer II	High	Silver	87949.47	9385.35	1	78

The 'Action Output' window shows the execution of the queries:

#	Time	Action	Message	Duration / Fetch
1	06:58:46	use banking_case	0 row(s) affected	0.000 sec
2	06:58:50	show tables	1 row(s) returned	0.016 sec / 0.000 sec
3	06:58:54	select * from customer LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.015 sec

## STEP2: CONNECTING POWERBI WITH MYSQL DATABASE

### MySQL database

Server

Database

▶ Advanced options

## STEP3: LOADING DATA IN POWERBI FROM MYSQL DATABASE

### Navigator

Display Options ▾

127.0.0.1:3306: banking\_case [1]

☒ banking\_case.customer

Select Related Tables

### banking\_case.customer

Client ID	Name	Age	Location ID	Joined Bank
IND81288	Raymond Mills	24	34324	06-05-2019
IND65833	Julia Spencer	23	42205	10-12-2001
IND47499	Stephen Murray	27	7314	25-01-2010
IND72498	Virginia Garza	40	34594	28-03-2019
IND60181	Melissa Sanders	46	41269	20-07-2012
IND78532	Samuel Hudson	23	13204	07-02-2019
IND95683	Timothy Alexander	46	42910	02-06-2002
IND40785	Carl Martin	78	6127	03-11-2000
IND13570	Philip Day	67	32656	07-04-2015
IND53299	Jason Sims	51	28340	20-11-1995
IND76263	Amy Martinez	55	40459	18-10-2014
IND56452	David Johnston	73	25563	12-09-2005
IND28766	Wayne Foster	45	35687	17-03-2018
IND17897	Carlos Moore	44	19554	02-01-1996
IND86325	Lisa Johnston	36	33368	05-06-2020
IND74197	Andrew Mills	55	27913	06-01-2021
IND28503	Jack Coleman	61	9505	22-06-2014
IND56539	Aaron Day	56	36232	19-01-2020
IND53604	Kevin Weaver	43	6299	31-03-2019
IND32064	Mary Fox	63	7694	09-03-2009

The data in the preview has been truncated due to size limits.

◀

▶

Load

Transform Data

Cancel

## STEP4: DATA IN POWERBI

Untitled - Power Query Editor

FileHomeTransformAdd ColumnViewToolsHelp

Close & ApplyNewRecentEnter DataData source settingsManage ParametersRefreshAdvanced EditorChoose ColumnsRemove ColumnsKeep RowsRemove RowsSplit ColumnGroup ByData Type: TextUse First Row as HeadersUse Replace ValuesMerge QueriesAppend QueriesCombine FilesText AnalyticsVisionAzure Machine LearningAll Insights

CloseNew QuerySourceSourcesDataData source settingsManage ParametersRefreshAdvanced EditorChoose ColumnsRemove ColumnsKeep RowsRemove RowsSplit ColumnGroup ByData Type: TextUse First Row as HeadersUse Replace ValuesMerge QueriesAppend QueriesCombine FilesText AnalyticsVisionAzure Machine LearningAll Insights

Queries [1]

banking\_case customer

Source{[Schema="banking\_case",Item="customer"]}[Data]

Client ID	Name	Age	Location ID	Joined Bank	Banking Con
1 IND81288	Raymond Mills	24	34324	06-05-2019	Anthony Torr
2 IND65833	Julia Spencer	23	42205	10-12-2001	Jonathan Hav
3 IND47499	Stephen Murray	27	7314	25-01-2010	Anthony Berr
4 IND72498	Virginia Garza	40	34594	28-03-2019	Steve Diaz
5 IND60181	Melissa Sanders	46	41269	20-07-2012	Shawn Long
6 IND78532	Samuel Hudson	23	13204	07-02-2019	Douglas Tuck
7 IND95683	Timothy Alexander	46	42910	02-06-2002	Douglas Tuck
8 IND40785	Carl Martin	78	6127	03-11-2000	Steve Diaz
9 IND13570	Philip Day	67	32656	07-04-2015	Bruce Butler
10 IND53299	Jason Sims	51	28340	20-11-1995	Joe Price
11 IND76263	Amy Martinez	55	40459	18-10-2014	Adam Hernar
12 IND56452	David Johnston	73	25563	12-09-2005	Chris Armstrc
13 IND28766	Wayne Foster	45	35687	17-03-2018	Joshua Ryan
14 IND17897	Carlos Moore	44	19554	02-01-1996	Paul Larson
15 IND86325	Lisa Johnston	36	33368	05-06-2020	Mark Montgc
16 IND74197	Andrew Mills	55	27913	06-01-2021	Shawn Walla
17 IND28503	Jack Coleman	61	9505	22-06-2014	Ernest Rivera
18 IND56539	Aaron Day	56	36232	19-01-2020	Gregory Simn
19 IND53604	Kevin Weaver	43	6299	31-03-2019	Frank Brown
20 IND32064	Mary Fox	63	7694	09-03-2009	Adam Hernar
21 IND72934	Carlos Little	41	38321	03-04-2020	Jonathan Hav
22					

25 COLUMNS, 999+ ROWSColumn profiling based on top 1000 rows

Query Settings

PROPERTIES

Name

banking\_case customer

All Properties

APPLIED STEPS

Source

Navigation

PREVIEW DOWNLOADED ON SUNDAY