Session Variables

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Session Variables

session

a series of information exchange interactions, or a dialogue, between a computer and a user

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Session Variables

session

a series of information exchange interactions, or a dialogue, between a computer and a user

- e.g. a dialogue between the MySQL server and a client application like MySQL Workbench

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Step 1

set up a connection

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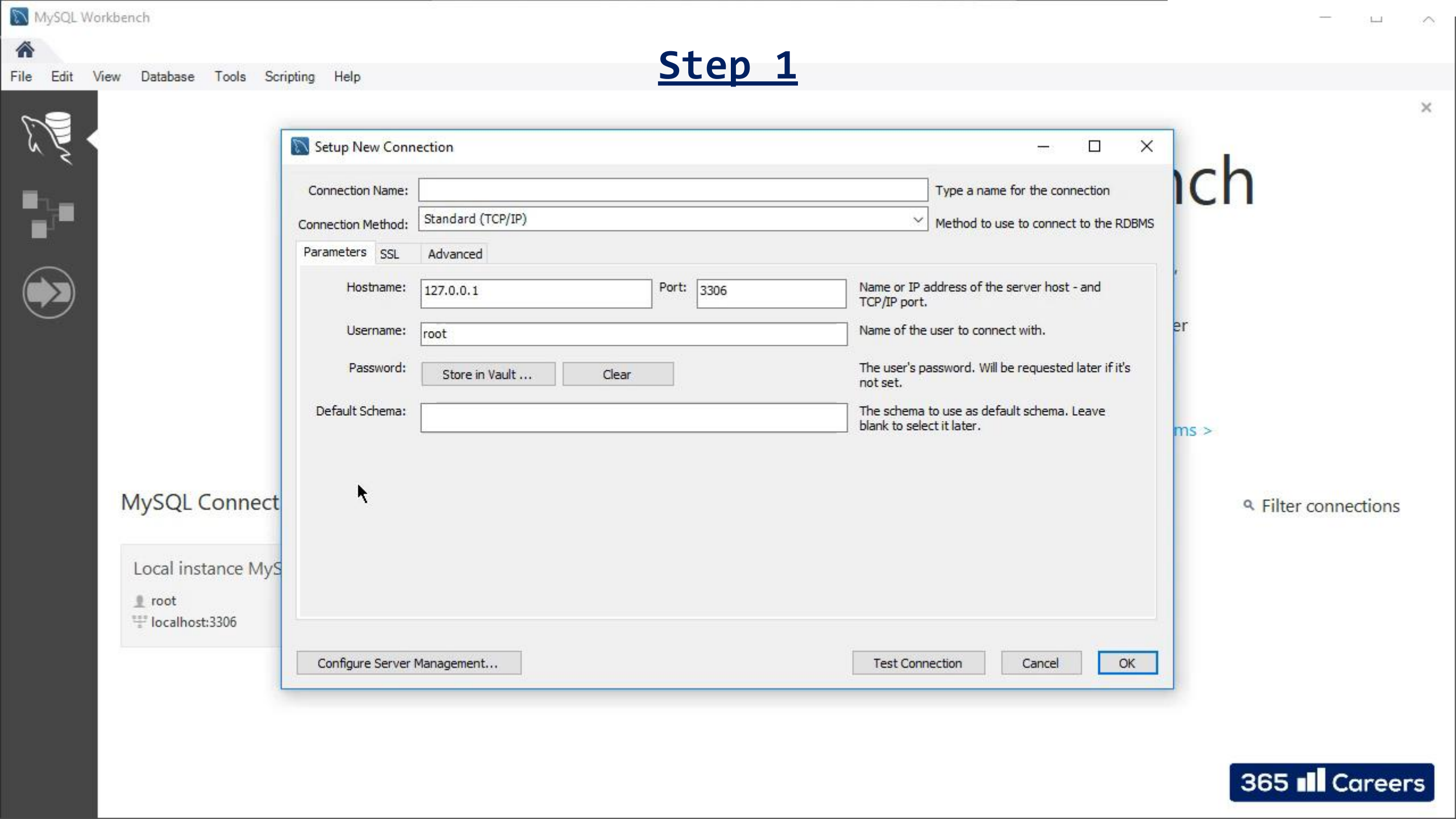
Step 1


MySQL Workbench
File Edit View Database Tools Scripting Help
Setup New Connection
Connection Name:
Type a name for the connection
Connection Method:
Standard (TCP/IP)
Method to use to connect to the RDBMS
Parameters
SSL
Advanced
Hostname:
127.0.0.1
Port:
3306
Name or IP address of the server host - and TCP/IP port.
Username:
root
Name of the user to connect with.
Password:
Store in Vault ...
Clear
The user's password. Will be requested later if it's not set.
Default Schema:
The schema to use as default schema. Leave blank to select it later.
Configure Server Management...
Test Connection
Cancel
OK
MySQL Connect
Local instance MyS
root
localhost:3306
Filter connections

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Step 1

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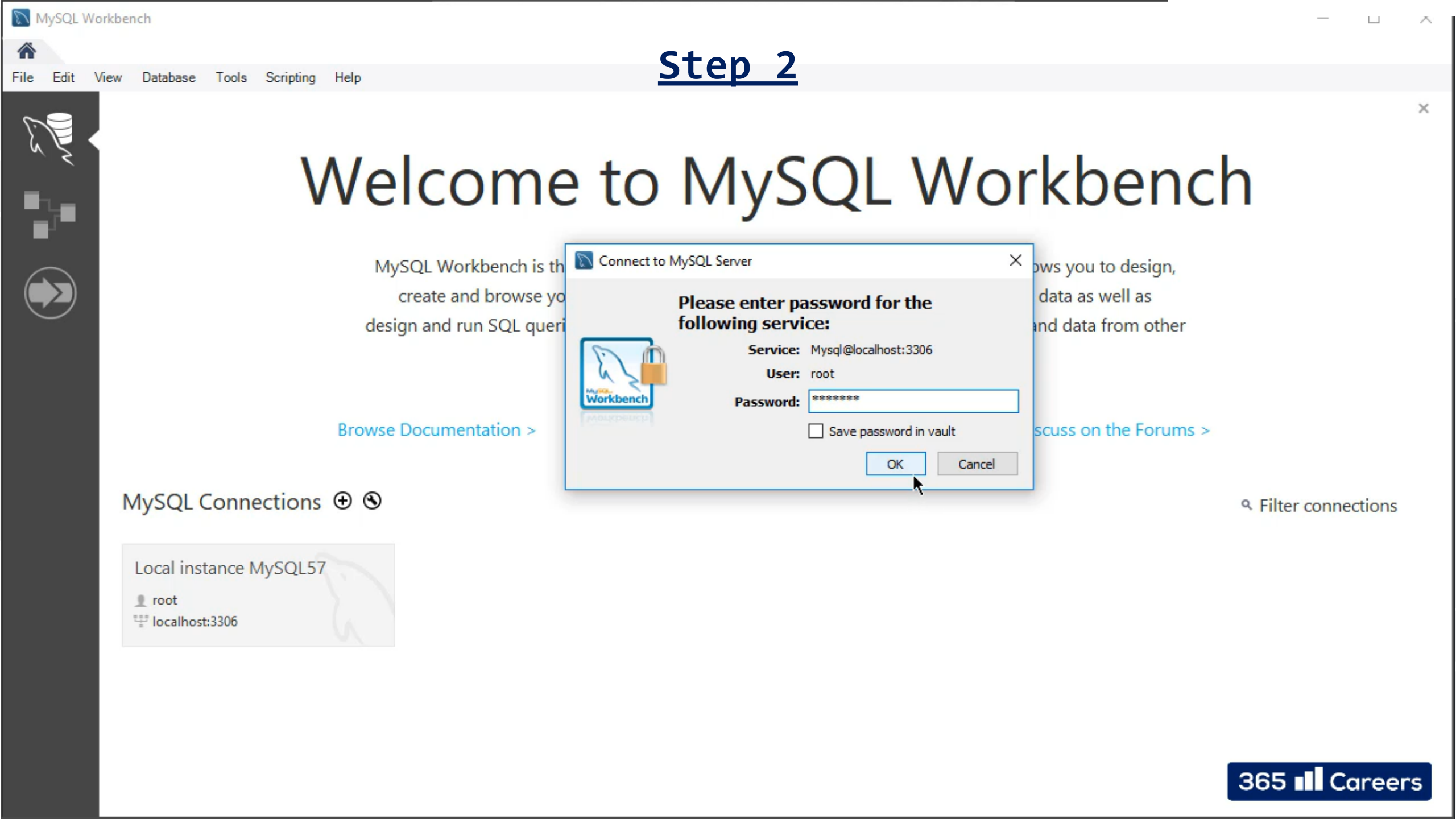
Step 2


MySQL Workbench
File Edit View Database Tools Scripting Help
Welcome to MySQL Workbench
MySQL Workbench is th
ows you to design,
create and browse yo
data as well as
design and run SQL queri
nd data from other
Browse Documentation >
scuss on the Forums >
Connect to MySQL Server
Please enter password for the following service:
Service: Mysql@localhost:3306
User: root
Password: *******
Save password in vault
OK
Cancel
MySQL Connections
Filter connections
Local instance MySQL57
root
localhost:3306
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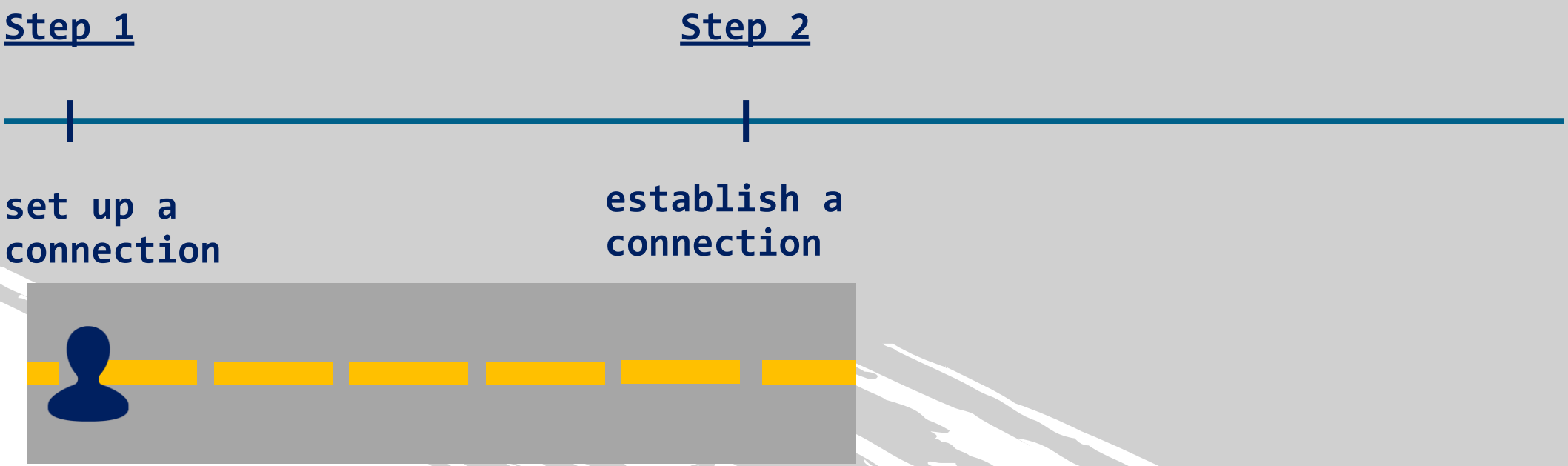

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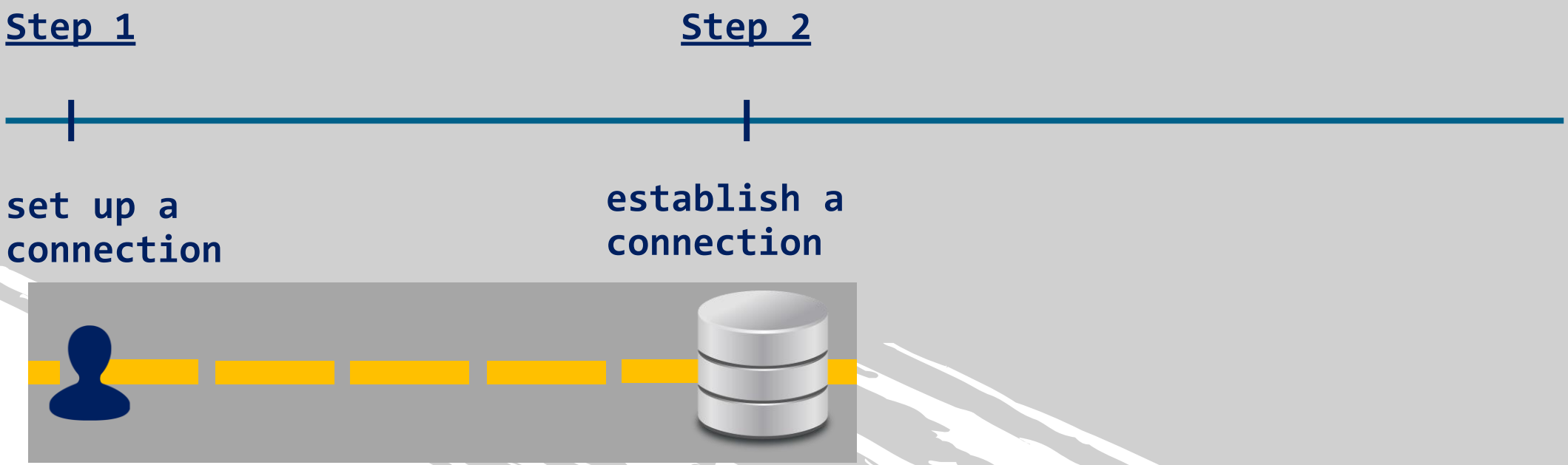

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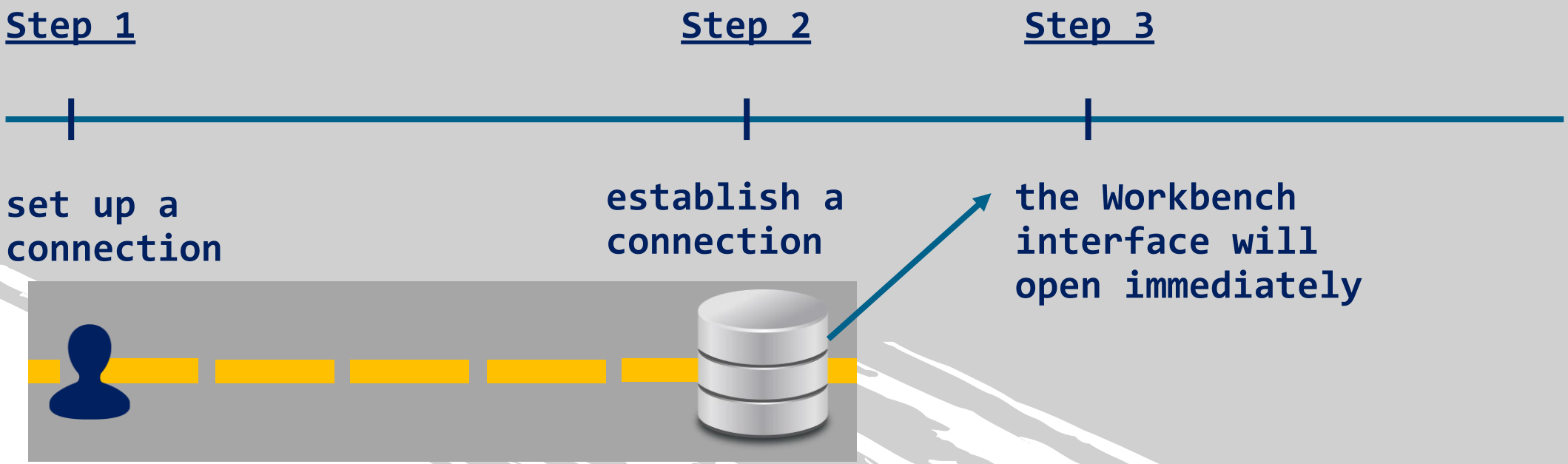

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Step 1

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Step 2

establish a connection

Step 3

the Workbench interface will open immediately

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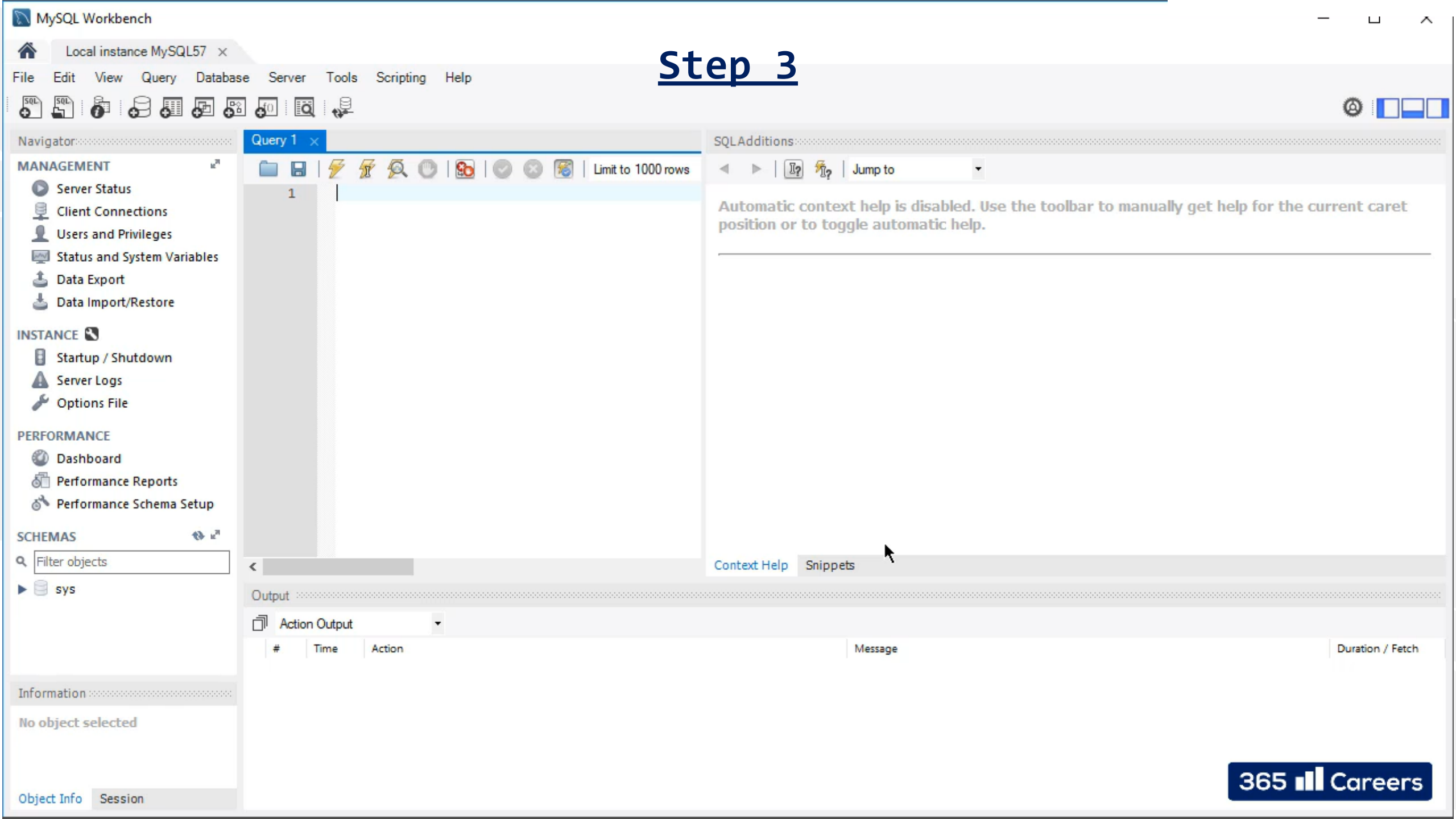
Step 3


MySQL Workbench
Local instance MySQL57
File Edit View Query Database Server Tools Scripting Help
Navigator
MANAGEMENT
Server Status
Client Connections
Users and Privileges
Status and System Variables
Data Export
Data Import/Restore
INSTANCE
Startup / Shutdown
Server Logs
Options File
PERFORMANCE
Dashboard
Performance Reports
Performance Schema Setup
SCHEMAS
Filter objects
sys
Information
No object selected
Object Info
Session
Query 1
Limit to 1000 rows
1
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help
Snippets
Output
Action Output
Time Action Message Duration / Fetch
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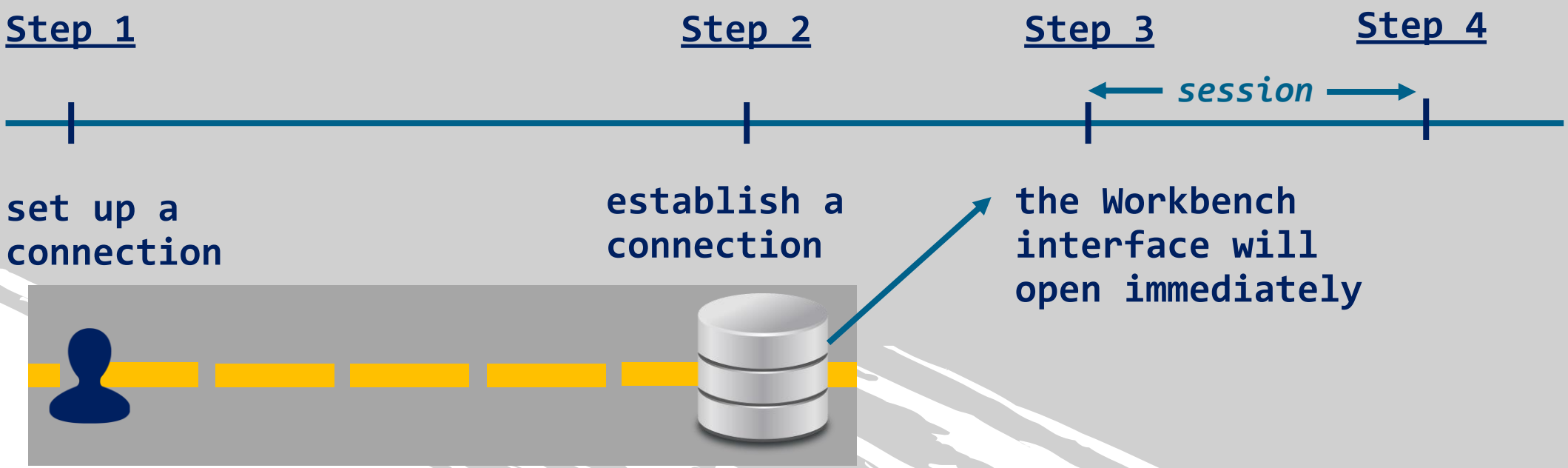

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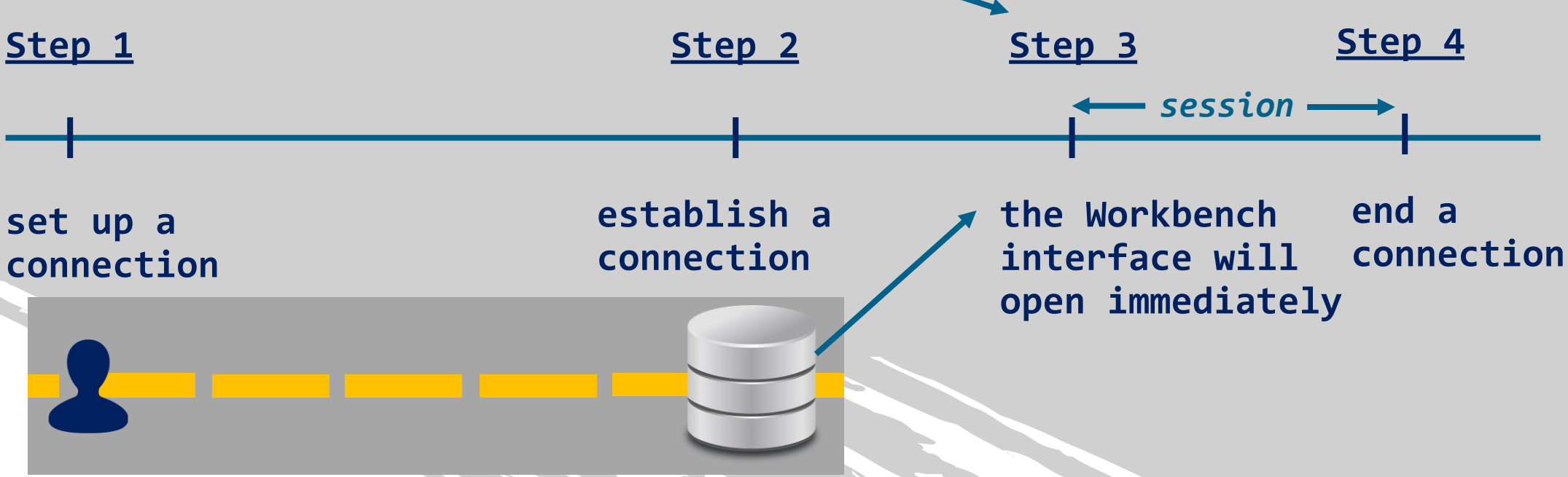

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Session Variables

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Step 1 — set up a connection

Step 2 — establish a connection

Step 3 — the Workbench interface will open immediately

Step 4 — end a connection

session

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Session Variables

- there are certain SQL objects that are valid for a specific session only

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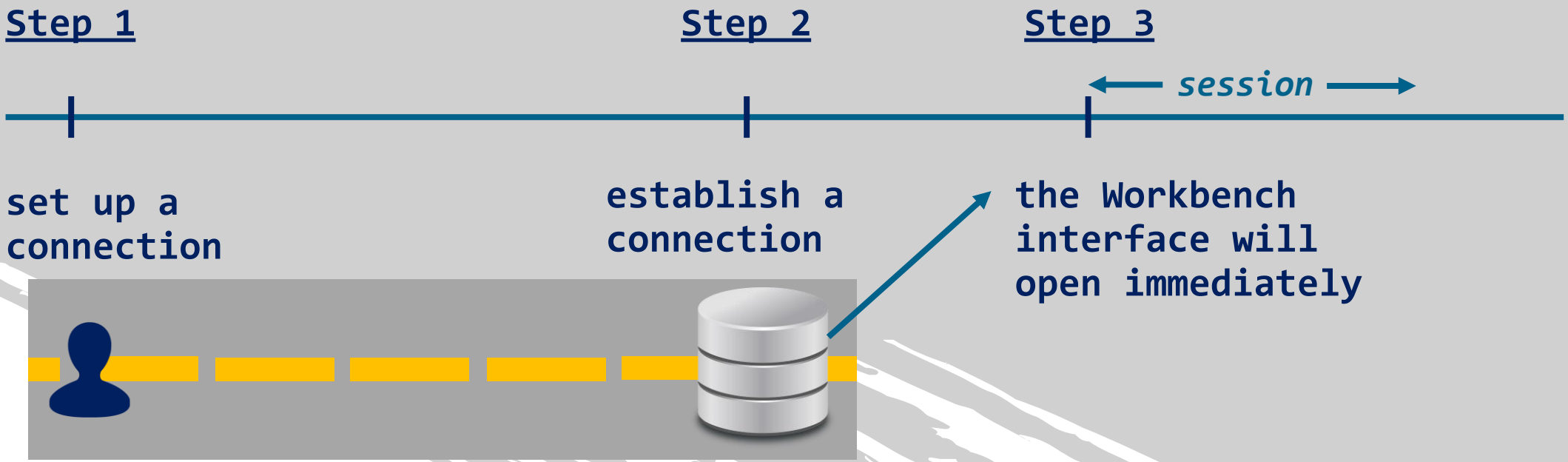

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Session Variables

there are certain SQL objects that are valid for a specific session only

emp_no	from_date	to_date
10001	1986-06-26	9999-01-01
10002	1996-08-03	9999-01-01
10003	1995-12-03	9999-01-01
10004	1986-12-01	9999-01-01
10005	1989-09-12	9999-01-01

Step 1

Step 2

session

set up a connection

establish a connection

the Workbench interface will open immediately

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Session Variables

there are certain SQL objects that are valid for a specific session only

emp_no	from_date	to_date
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Step 1

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Step 2

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the Workbench interface will open immediately

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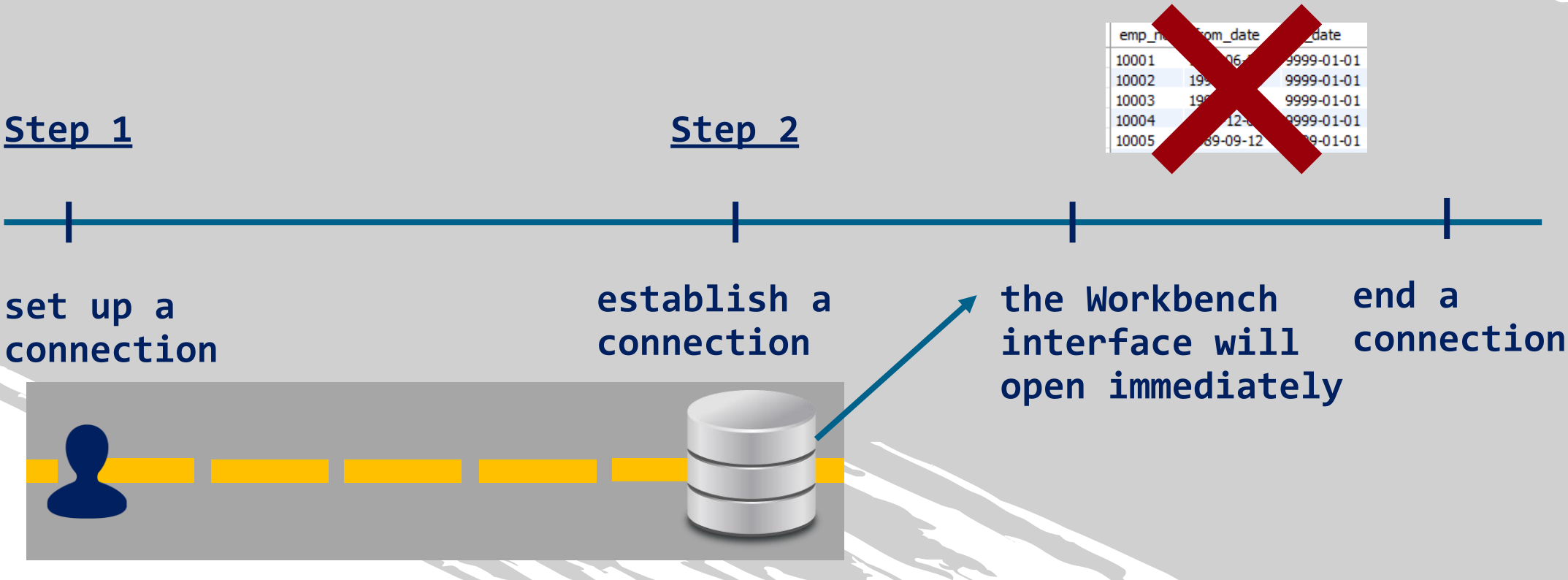

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Session Variables

session variable

a variable that exists only for the session in which you are operating

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Session Variables

session variable

a variable that exists only for the session in which you are operating

- it is *defined* on our server, and it lives there

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Session Variables

session variable

a variable that exists only for the session in which you are operating

- it is *defined* on our server, and it lives there
- it is *visible* to the connection being used only

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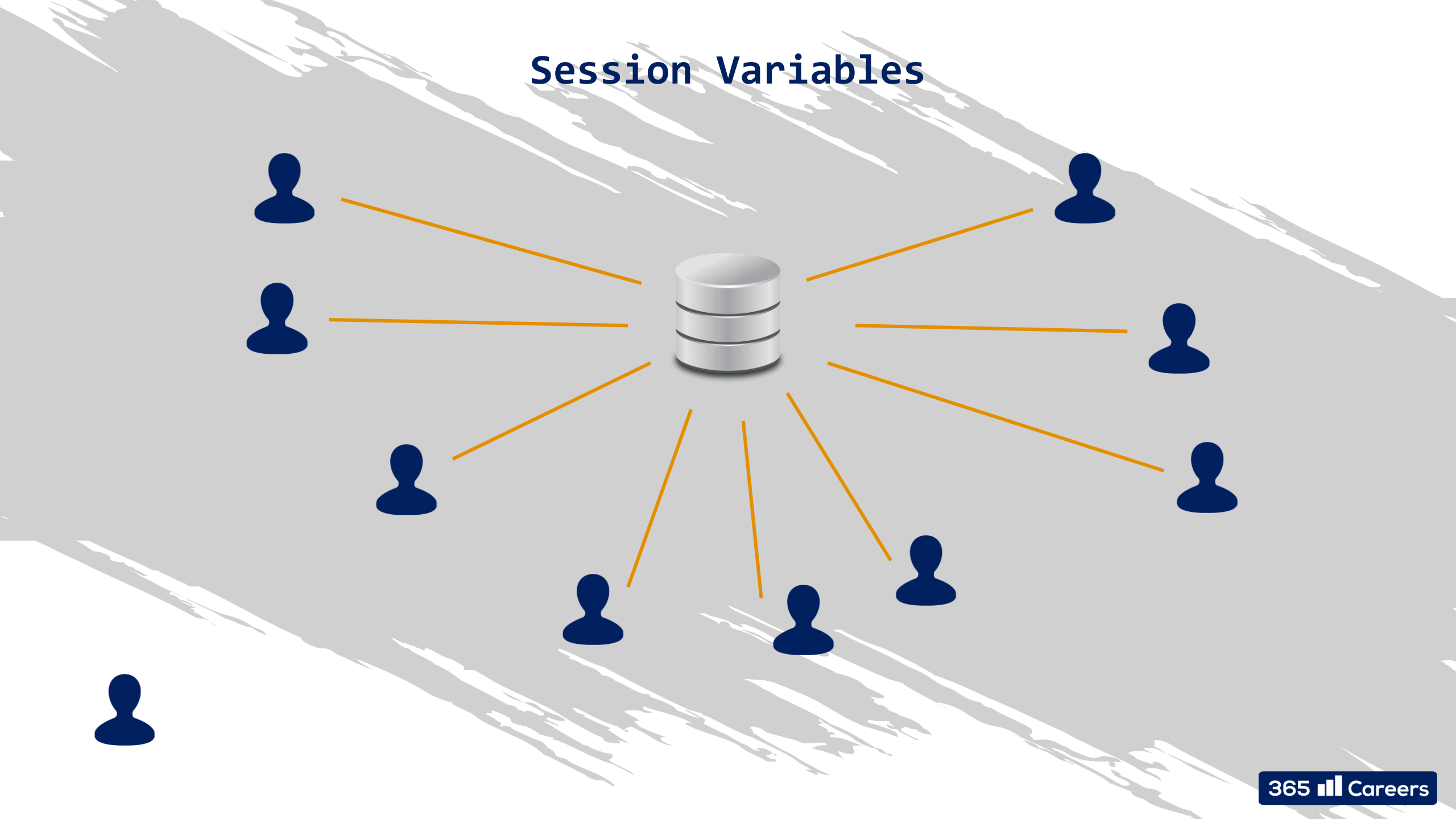
Session Variables



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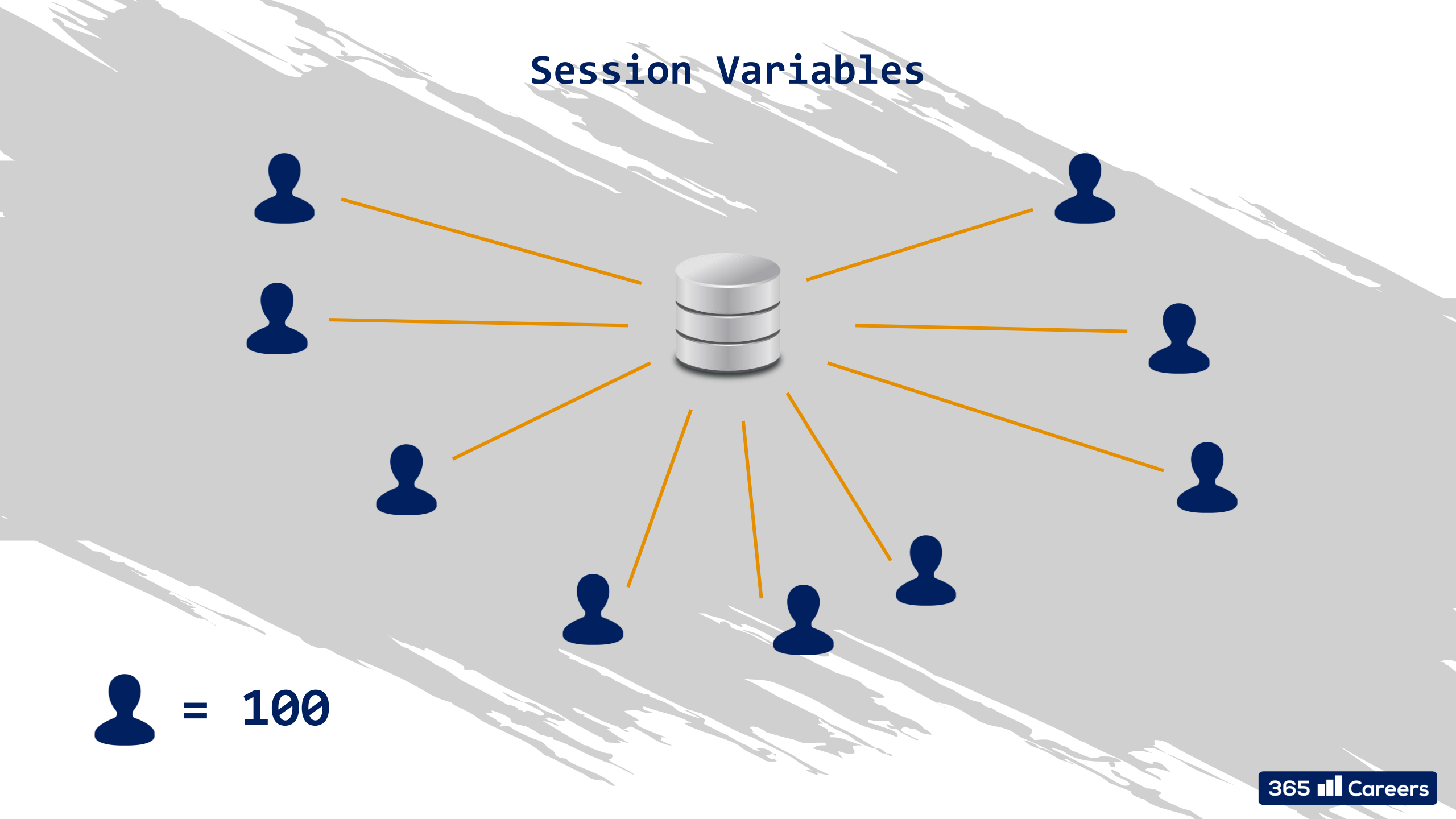
Session Variables



= 100

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Session Variables

= 100 → connections = 100

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Session Variables

= 100 → connections = 100 → sessions = 100

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Session Variables

```SQL
SET @var_name = value;
```

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