Commands Power Automate

Module 2

a) Login to the learning

environment b) Open the flow website within the

learning environment c) Download the Microsoft Power Automate (Flow) app to your phone

Module 3

a) Go to Teams (https://teams.microsoft.com)

b) Create a new Team

c) Create a new channel within the team

d) Create a Flow that ensures that:

    ÿ As soon as an e-mail arrives at your e-mail address of the environment (use the Office365 Outlook connector).

    ÿ In (same step) it is checked whether the word 'absent' is in the subject

    ÿ A message will then be posted in the Teams channel with the message 'I am absent'

e) In the Dataverse (tab 'Data' > 'Tables'), create a new table to store customer data store.

f) Name the table 'customers', adjust the plural name if necessary.

g) You can leave the primary name column at 'name'

h) Add a column 'last ordered' with data type 'Date only'

i) Click on 'Save table' at the bottom right

j) Go -above the table- to the tab 'Forms'

k) Click on the 'Information' form with 'Main' as 'Form type'

l) In the far left menu, choose the block that contains '[Abc]' (button to select table columns to add)

m) Drag your newly created column from the left side to the screen under 'name'

n) Click on 'Save' at the top right of the screen, followed by 'Publish'

o) Click on 'Back' at the top left of the screen

p) Go -above the table- to the 'Data' tab

q) Choose 'Select view' in the top right and choose 'All columns'

r) Now add at least 3 rows to the table by clicking on 'Add record' at the top left, fill enter the data, click on 'save' and then on '+New'

s) Now in Power Automate create a new flow that contains all rows from the newly created table continues and for every row with a date in the column 'Last ordered' that is greater than: now minus 365 days an email that sends you (in real life to that person of course).

Bonus:

t) Try the same exercise again, but use your own excel sheet (on OneDrive / office online). Note: make sure that after you have created the table, you actually define it as a 'table' in Excel under 'Insert' > 'table'

Module 4

a) Download SQL Server Developer edition from: https://go.microsoft.com/fwlink/?linkid=866662

   (google: SQL Server download, first hit, scroll down slightly 'Download now')

b) Download SQL Management Studio if not already installed c) Install

the SQL Server Developer edition (next, next, etc) d) Install the data

gateway: ÿ Go to: https://make.powerapps.com ÿ Navigate to: 'Data-

   >Gateways' and click on 'New Gateway'

e) Open SQL Server Management Studio:

   ÿ When logging in, choose 'Windows authentication' and then click on 'Connect'

   ÿ Click through to: 'Databases'>'System Databases'>'Master' f) Create a new

table in the database: ÿ Click on 'Tables' ÿ Right click on 'Tables' and choose

   'New'>'Table' ÿ Columns:

   • Sender (nchar(100)) •

   Subject (nchar(100))

ÿ Click on the 'save button' at the top or press <ctrl>-<s>

ÿ Choose as table name: emails

g) Create a Flow that:

   ÿ After receiving an email, the sender and subject in the just

      created table in the database.

Module 5

a) Go to Forms (https://forms.microsoft.com)

b) Create a new Form (a kind of survey), with two questions in it (one open question
and a question where one can give a score)

c) Create a Flow that:

    a. Start as soon as a response is received to filling in the Form

    b. You retrieve the entered data (by means of a 'get response details' action)

    c. A notification will be sent to your Flow App and an email will be sent to you at the same time
is being sent

d) Test the flow. Can this be done automatically the first time?

e) Export the flow, delete the existing flow

f) In the menu go to 'Connections' and remove the Microsoft Forms connection

g) Import the flow, is this okay? Why / why not?

Module 6

a) Create a new development (trial for now, otherwise sandbox) environment, make sure
that a new database (Dataverse) is also created

b) Go to the solutions screen, refresh (F5) and make sure your new environment is
selected.

c) Create a new solution and a suitable Publisher for yourself. Then add all your
created flows (that are possible) to this solution.

d) Create a table in your Dataverse (menu item 'Data'>'Tables') called 'Product'
(plural = Products). Leave the settings as default when it comes to the primary column.

e) Now create a new column called 'Price' in the newly created table.

f) Go to: https://make.powerapps.com this is the home page where we can build apps.
We're going to try that now.

g) Make sure you are on the 'home' page

h) Under 'Start from data' in the middle of the screen, choose the option 'Dataverse' and click on 'Create' if you
are asked to create a Dataverse connection.

i) Then select your table 'Products' and click on 'Connect'

j) When the app is created, go to the top left of the 'File' menu and choose 'Save' (the app
is now called 'App'

k) Add the newly created table and App to your Solution and choose 'Publish all
customizations'

l) Now go back to the Flow portal (https://flow.microsoft.com) and navigate back to your table (menu item 'Data'-
>'Tables')

m) Try to delete your created table 'Products'. Why does this work or not?

n) Now go to the solutions page and click on your solution

o) Check whether your solution is in order through the solution checker, the topics that the solution checker
checks are:

ÿ Dataverse Plugins

ÿ Dataverse custom workflow activities

ÿ Dataverse web resources

ÿ Dataverse configurations (also with regard to access labels, etc. in apps)

It is possible that there are only 'medium' or 'low' severity reports regarding the Canvas app.
You can now ignore this.

p) Now export your solution as a managed solution

q) Create a new Patch for the current solution. You do this by:

ÿ Select your current solution with the 'ball' in front of it

ÿ In the menu choose the option 'Clone'>'Clone a patch'

ÿ If necessary, choose a clear name and leave the version number as it is (this will change
automatically)

r) Add one of your existing table 'Products' to this solution as well.

s) Now change this table by adding a column with a special name such as #special_column.

t) Merge this patch with the original solution by:
     ÿ Select your original solution using the 'ball' in front of it ÿ In the menu
     choose the option 'Clone'>'Clone solution' ÿ Leave the version number
     as it is

u) Now check in your updated managed solution whether the new column in the table has been added.

Module 8

a) Create a simple Flow from the Flow Mobile App. b) Try changing this
flow

c) Monitor whether the flow is going well and/or consciously build in an error and see what happens.

Module 8