Future Finance mudeli kohandamine

Veebiseminar
21.01.25

Sparkle

Veebiseminar

Teemad

- Mis on Future Finance
- Power BI võimalused
- Andmeallika lisamine mudelisse, seoste tegemine ja mõõdikute lisamine

Future Finance

Mis on Future Finance?

Raamatupidamistarkvara

API

Mis on Power BI?

Power BI: **andmeanalüüsi** tööriist, andmete **visualiseerimine** ja ühendamine

Sarnane Excelile, kuid andmetöötluses palju võimekam. Võimaldab ühendada mistahes andmeallika.

Power BI

Power BI võimalused

- Interaktiivne andmeanalüüs ja visualiseerimine
- Mitmekesiste andmeallikate integreerimine
- Automatiseeritud värskendused ja reaalajas andmed
- Keerukam analüüs ja DAX-keel
- Raportite jagamine

Power BI

Customize your model

- Customize power bi model
- Eelarvestamine - konto, kulukohtade- ja projektipõhine eelarvestamine
- Holding ettevõtted
- Konsolideerimine

What is customizable?

Everything.

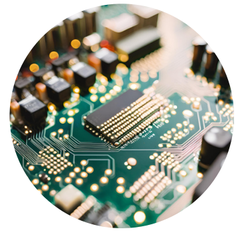
The default model is not editable.
Upon the default model, you can use:
> visual measures

If you want to add more custom logic, e.g. additional tables, you have to use a custom model

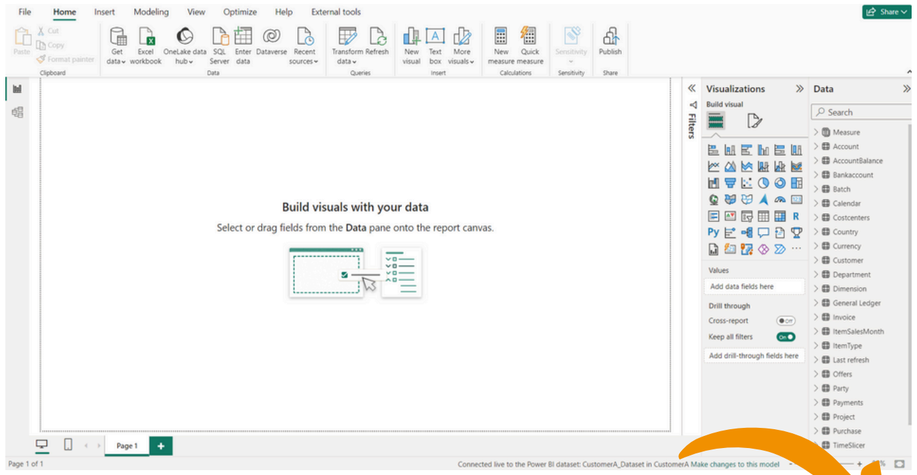
- tables, measures, sources, ...

Local model

How to make a local model



Connect to the dataset in your workspace and press “make changes to the model



Connected live to the Power BI dataset: CustomerA_Dataset in CustomerA Make changes to this model

Täpsemad juhised leiad siit : juhend

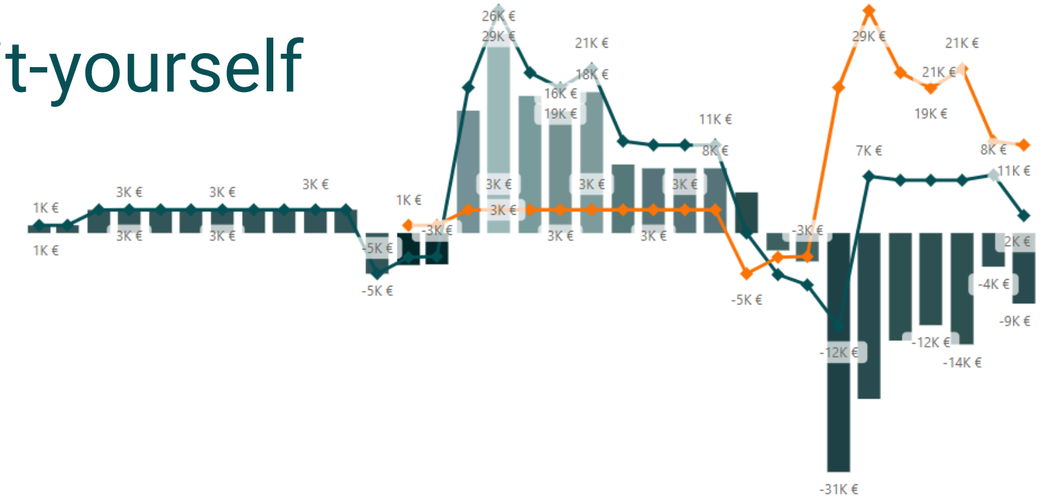
Budgeting

Budget

Eelarvestamine - konto,
kulukohtade- ja projektipõhine eelarvestamine

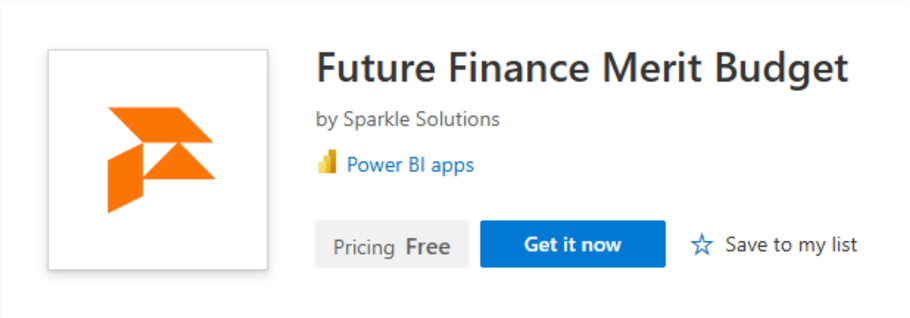
1. Scenario 1: account based budgeting / forecasting
2. Scenario 2: project / cost center based budgeting / forecasting

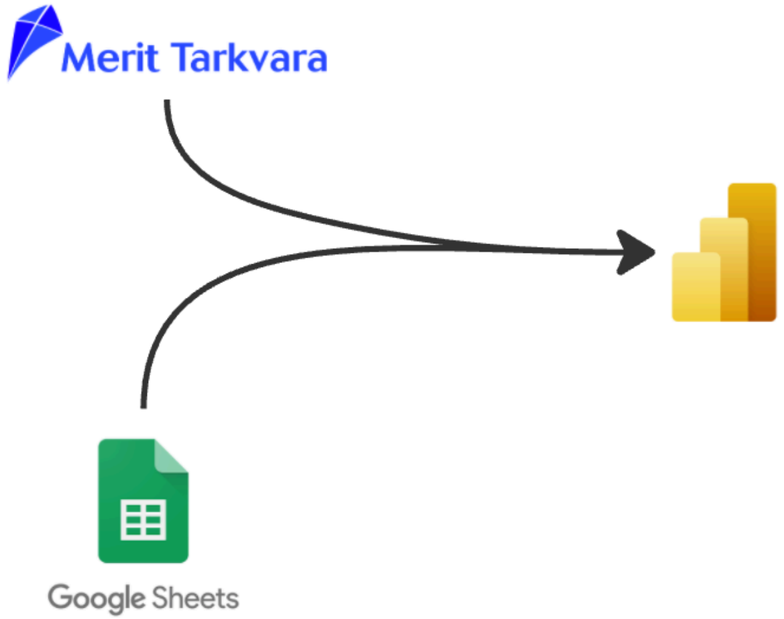
Options:
Use the premade version or the build-it-yourself



Budgeting

Budget - Scenario 1: account based budgeting / forecasting: premade solution

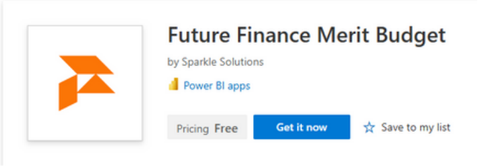




1. Fill in the budget
2. Link it to google sheets

Budgeting

Budgeting with budget tool



Get budget file

Press button

Fill budget

Google Sheets

Store on google sheets

Connect

Täpsemad juhised leiad siit: juhend

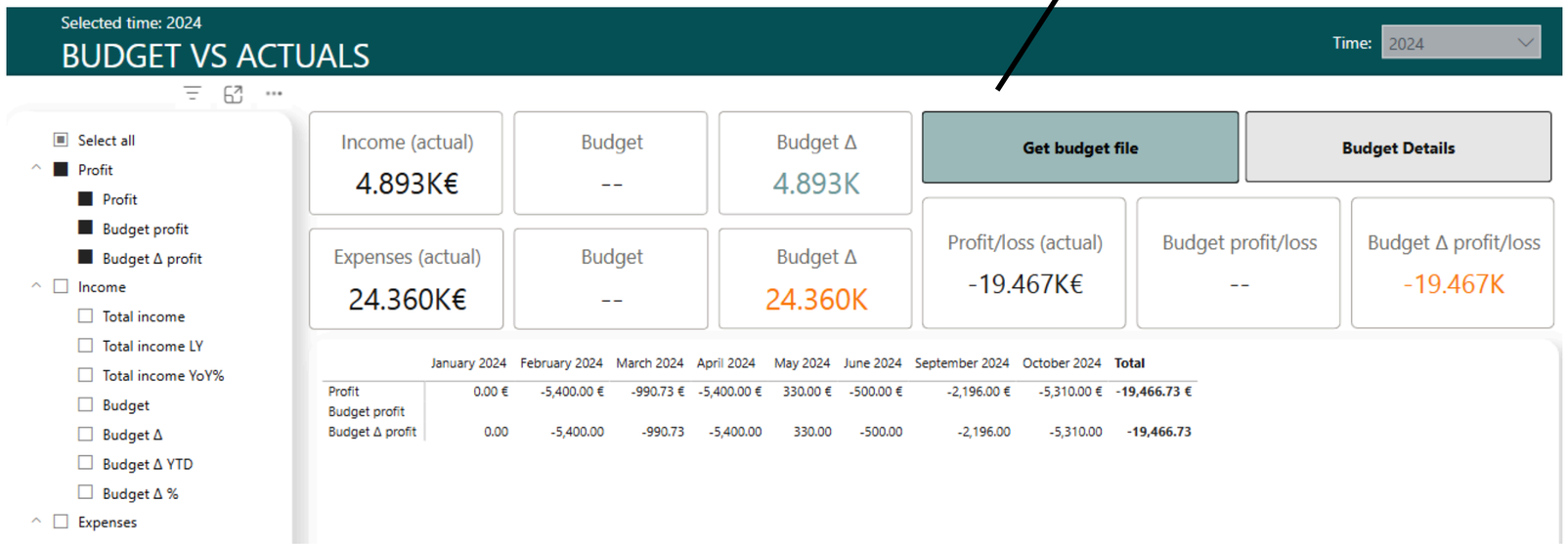
Budget - Get budget file

Budgeting

Get a sample file

	A	B	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM
1	0	1	26	27	28	29	30	31	32	33	34	35	36	37	38
2				Budget 2025											
3	AccountCode	AccountName	2025	01 2025	02 2025	03 2025	04 2025	05 2025	06 2025	07 2025	08 2025	09 2025	10 2025	11 2025	12 2025
4	3000	Kauba, teenuse müük Eestis 20%													
5	3075	Kasutatud kauba müügil 20% maksustatav kasum													
6	3099	Ümardused													
7	4000	Müüdud kaubad soetushinnas													
8	4009	Alltöövõtutööd													
9	4020	Kütus													
10	4320	IT teenused, arvutitarvikud													
11	4395	Muud tegevuskulud													
12	4710	Palgakulu													
13	4720	Sotsiaalmaksukulu													
14	2386	Muude maksude (sh.tollimaks, raskeveokimaks) võlad													
15	3080	Metallijäätmete, kinnisasja, väärismetallide müük													
16	2450	Muud kreditoorsed võlad													
17	3010	Kauba müük Eur.Liitu 0%													
18	3920	Kapital.väljaminekud omatarbeks põhivara valmistamisel													
19	1208	Ebatõenäoliselt laekuvad arved													
20	4810	Põhivarade amortisatsioonikulu													
21	4510	Töölähetuse kulud													
22	2401	Väljamaksmata dividendidelt arvest. tulumaks													
23	1280	Nõue osaniku vastu													
24	4099	Customers' crypto liabilities													
25	1230	Nõuded aruandvate isikute vastu													
26	4004	Väheväärtuslik põhivara													
27	1830	Transpordivahendid													
28	4660	Erisoodustuselt (omatarbelt) arvest. 9% käibemaks													
29	4440	Autode remont, hooldus													
30	4350	Lootusetud debitoorsed võlad													
31	4340	Pangateenus													

Use the power bi report



Budgeting

Budget

	A	B	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM
1	0	1	26	27	28	29	30	31	32	33	34	35	36	37	38
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31	4340	Pangateenus													

Fill in the numbers

Store the google sheets link under “parameters”

BudgetFileLocation_GS *

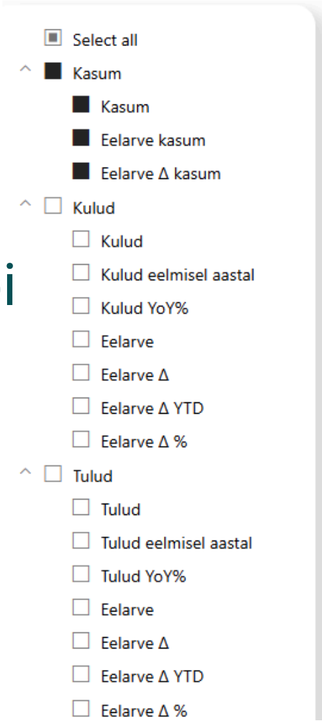
GoogleSheets

https://docs.google.com/spreadsheets/d/1Sybrq6tRl07ulCX-J_IlfkF8y7hGBsq1

Budget - Power BI report

Budgeting

Use the power bi report



Tulud	Eelarve	Eelarve Δ	Kulud	Eelarve	Eelarve Δ
68.986K€	48.000K€	20.986K	37.360K€	156.000K€	-118.640K

Kuu	Jaanuar			Veebruar			Märt	
Konto grupp	Kasum	Eelarve kasum	Eelarve Δ kasum	Kasum	Eelarve kasum	Eelarve Δ kasum	Kasum	Eelarve kas
Tulu	**2,000.00 €**	**4,000.00**	**-2,000.00**		**4,000.00**	**-4,000.00**	**663.27 €**	**4,000**
Müügitulu	**2,000.00 €**	**4,000.00**	**-2,000.00**		**4,000.00**	**-4,000.00**	**663.27 €**	**4,000**
3000-Kauba, teenuse müük Eestis 20%	2,000.00 €	1,000.00	1,000.00		1,000.00	-1,000.00	663.27 €	1,000
3010-Kauba müük Eur.Liitu 0%		1,000.00	-1,000.00		1,000.00	-1,000.00		1,000
3015-Teenuse müük Eur.Liitu 0%		1,000.00	-1,000.00		1,000.00	-1,000.00		1,000
3040-Müügitulu 9%		1,000.00	-1,000.00		1,000.00	-1,000.00		1,000
3099-Ümardused								
Kulu	**-2,000.00 €**	**-13,000.00**	**11,000.00**	**-5,400.00 €**	**-13,000.00**	**7,600.00**	**-2,000.00 €**	**-13,000**
Kaubad, toore, materjal ja teenused	**-2,000.00 €**	**-4,000.00**	**2,000.00**		**-4,000.00**	**4,000.00**	**-2,000.00 €**	**-4,000**
Mitmesugused tegevuskulud		**-7,000.00**	**7,000.00**		**-7,000.00**	**7,000.00**		**-7,000**
Palgakulu		**-1,000.00**	**1,000.00**	**-5,000.00 €**	**-1,000.00**	**-4,000.00**		**-1,000**
Sotsiaalmaksud		**-1,000.00**	**1,000.00**	**-400.00 €**	**-1,000.00**	**600.00**		**-1,000**
Kokku	**0.00 €**	**-9,000.00**	**9,000.00**	**-5,400.00 €**	**-9,000.00**	**3,600.00**	**-1,336.73 €**	**-9,000**

Budgeting

Budget - Make your own version

Possible to make your own version

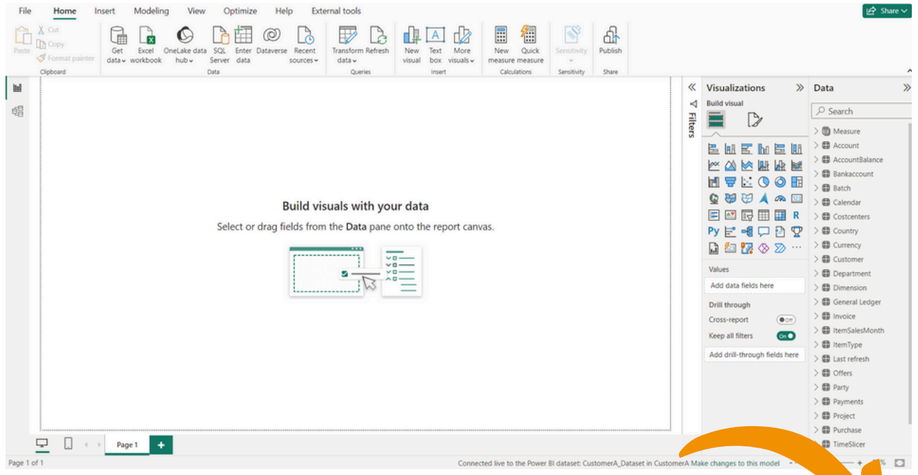
- sharepoint instead of google
- different visuals

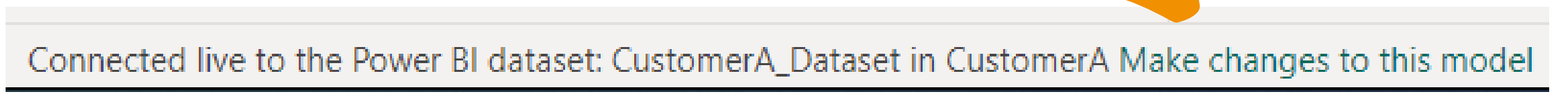
Budget

Make your own version

General steps

1. Store the result file (excel) on cloud storage (e.g. sharepoint, google sheets, …)
2. Make a local model. Connect to the dataset in your workspace and press “make changes to the model





Specific steps (depending on your budget type)

3. Link the dimensions

Budget

Make your own version

1.Create the excel / google sheets file

For Account budgeting

- Excel file contains following columns
- Account ID, Year, Budget value

Account ID	Year	Budget amount
3000	2023	3000
3010	2023	100
3015	2023	300
3040	2023	700
4430	2023	5000

For project budgeting

- Excel file should contain project code

2. Link the table into power bi

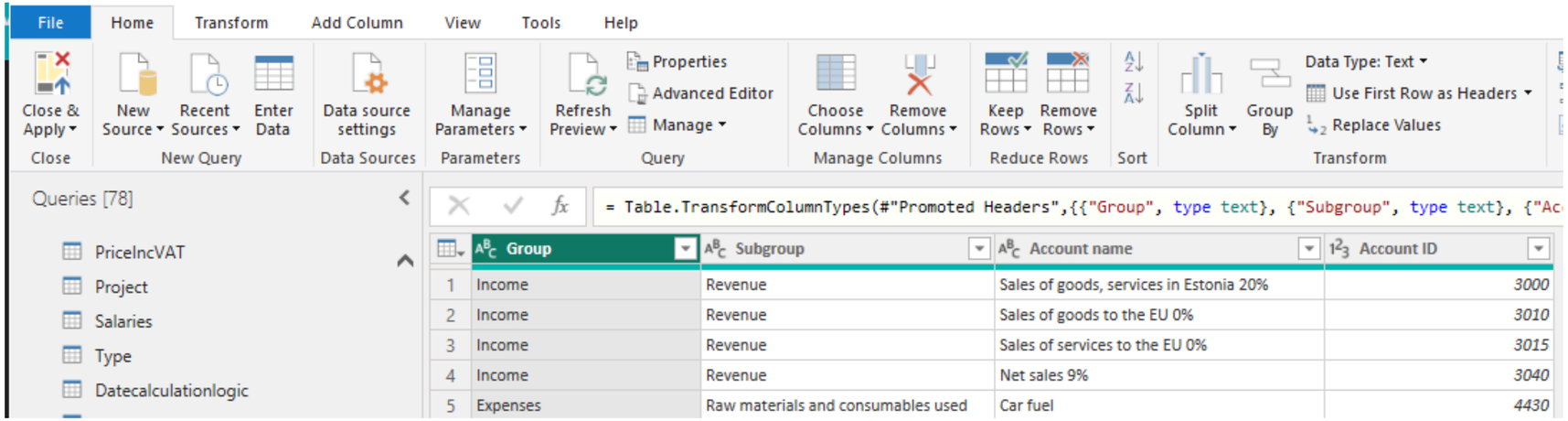
(from sharepoint, google sheets, or other supported cloud source)

Budget

Loading the excel file

Add your excel file to the Power BI dataset

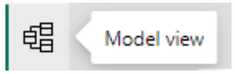
- Get data> SharePoint, Google Sheets or etc. (where your excel file is located)
- Transform data and select your excel file sheets (BudgetFact and BudgetDimension)
- Optionally: In Power Query you can see if the column headers are correct if not you can click on “Use first row as Headers“
- Close and Apply



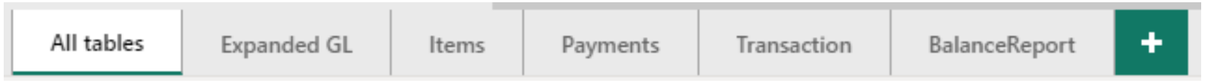
Budget

Linking the excel / google sheets file

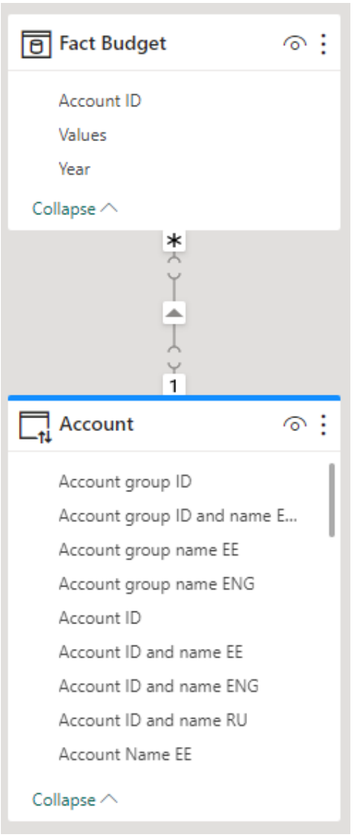
Connecting tables into model

- Go to model view 

- By pressing plus sign on the bottom, you can make a new layout



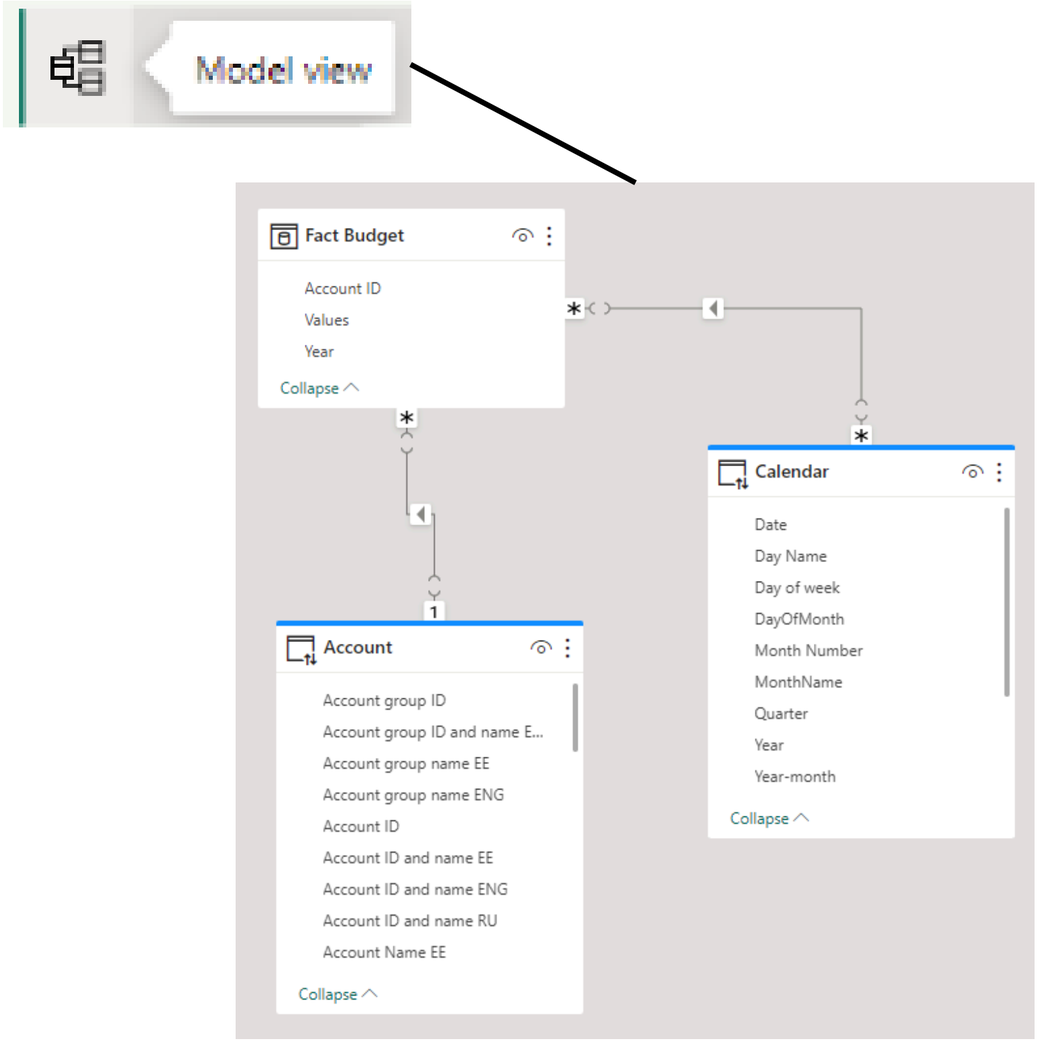
Add a relationship from **Account ID to Account ID**
Here the table is named “Fact Budget”, and the relationship is on Account ID. If the column names and column types are identical, power bi creates the relationship automatically

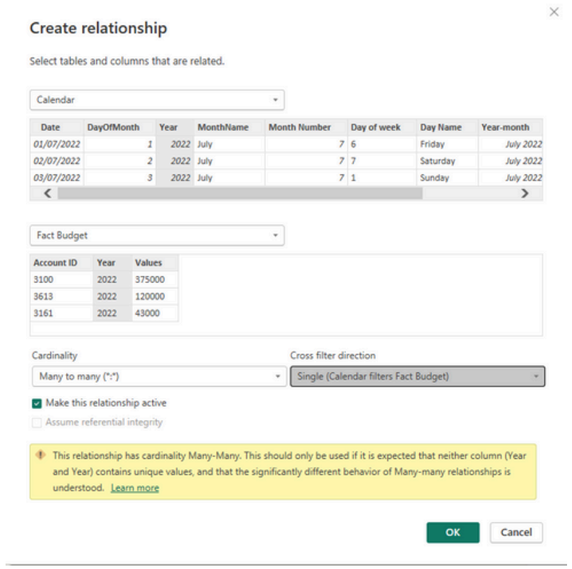


Budget

Linking the excel / google sheets file

Adding the relationships
Link to Fact budget
Link to the date dimension (calendar)

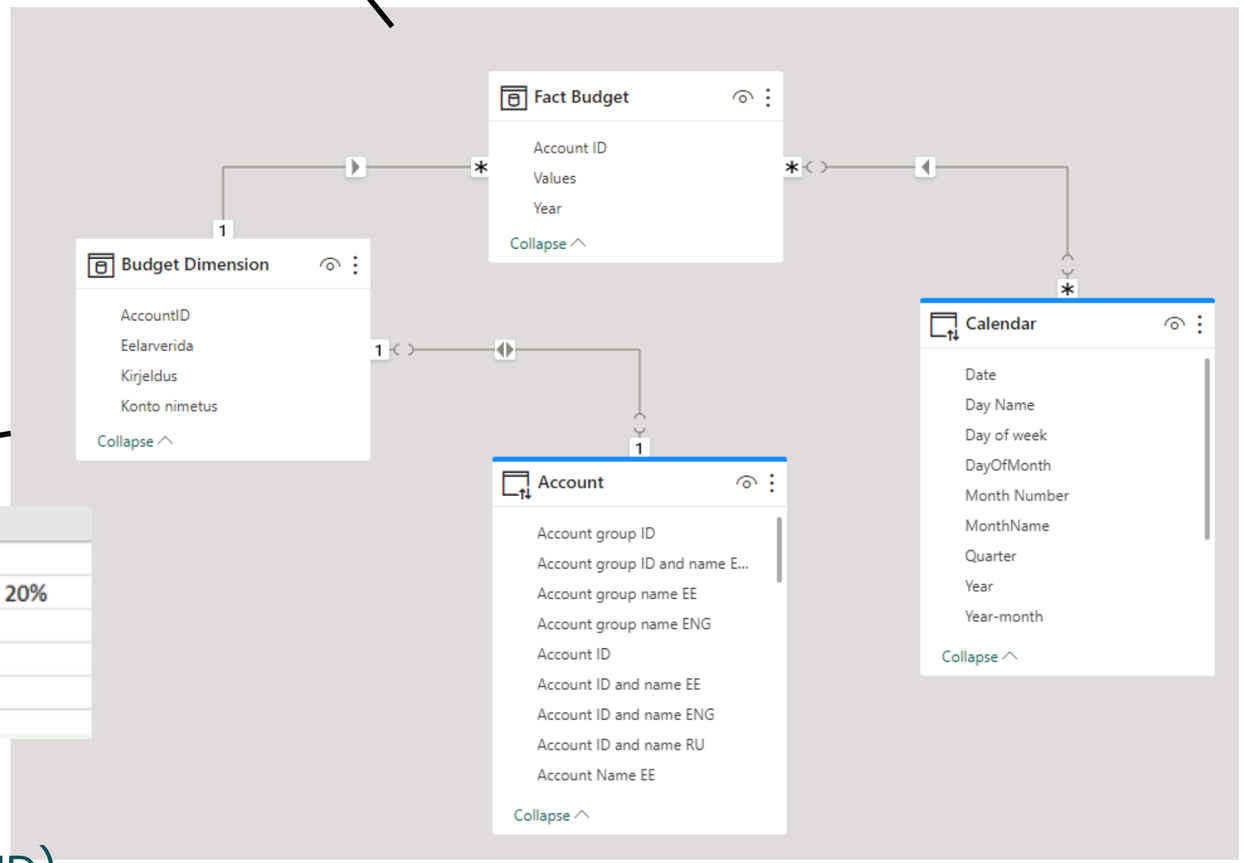




Budget

Linking the excel / google sheets file

What if you have specific account budget groups?
Then you define the relationship between account and budget to run over the account groups, instead of doing this directly



1	2	3
Group	Subgroup	Account name
Income	Revenue	Sales of goods, services in Estonia 20%
Income	Revenue	Sales of goods to the EU 0%
Income	Revenue	Sales of services to the EU 0%
Income	Revenue	Net sales 9%
Expenses	Raw materials and consumables used	Car fuel

Relationships full list:
BudgetDimension - Account (via Account ID)
BudgetDimension - BudgetFact (via Account ID)
BudgetFact - Calendar (via year), many to many

Power BI

Customize your model

- Customize power bi model
- Eelarvestamine - konto, kulukohtade- ja projektipõhine eelarvestamine
- **Combining companies**
- Konsolideerimine

Combining companies

Combining companies

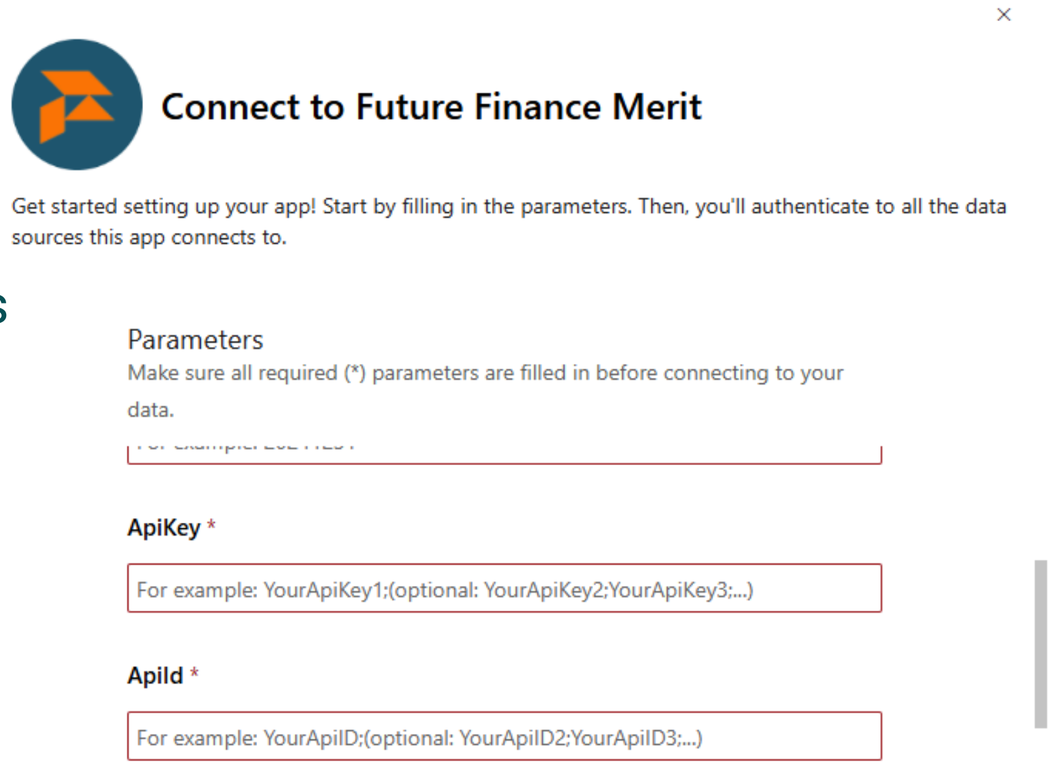
What?

combining the financial statements of a different companies (e.g. parent and daughter) into one power bi view.

How?

- Add multiple API keys in the parameters
- (optional): Add a parameter table

with mapped accounts



Power BI

Customize your model

- Customize power bi model
- Eelarvestamine - konto, kulukohtade- ja projektipõhine eelarvestamine
- Combining companies
- **Konsolideerimine**

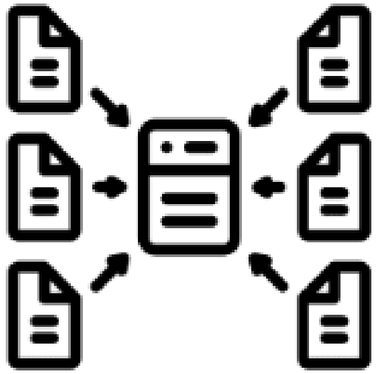
Consolidation

What?

combining the financial statements of a parent company and its subsidiaries into a single set of financial statements

Sources:

- Accountancy system (extracts)
  - P&L
  - Balance sheet



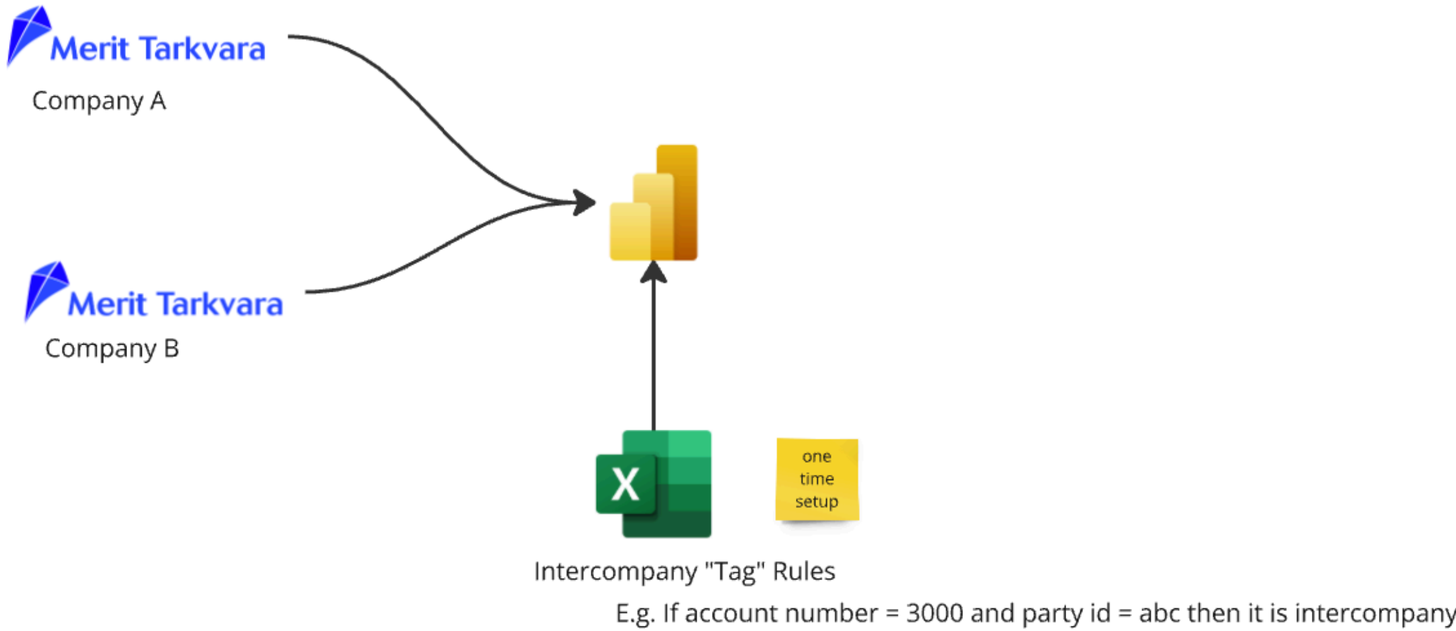
Challenges

- Intercompany transactions
- Unifying and mapping accounts
- Choice of the consolidation method

Consolidation

Case 1: parent and daughter(s) exist in same accountancy system

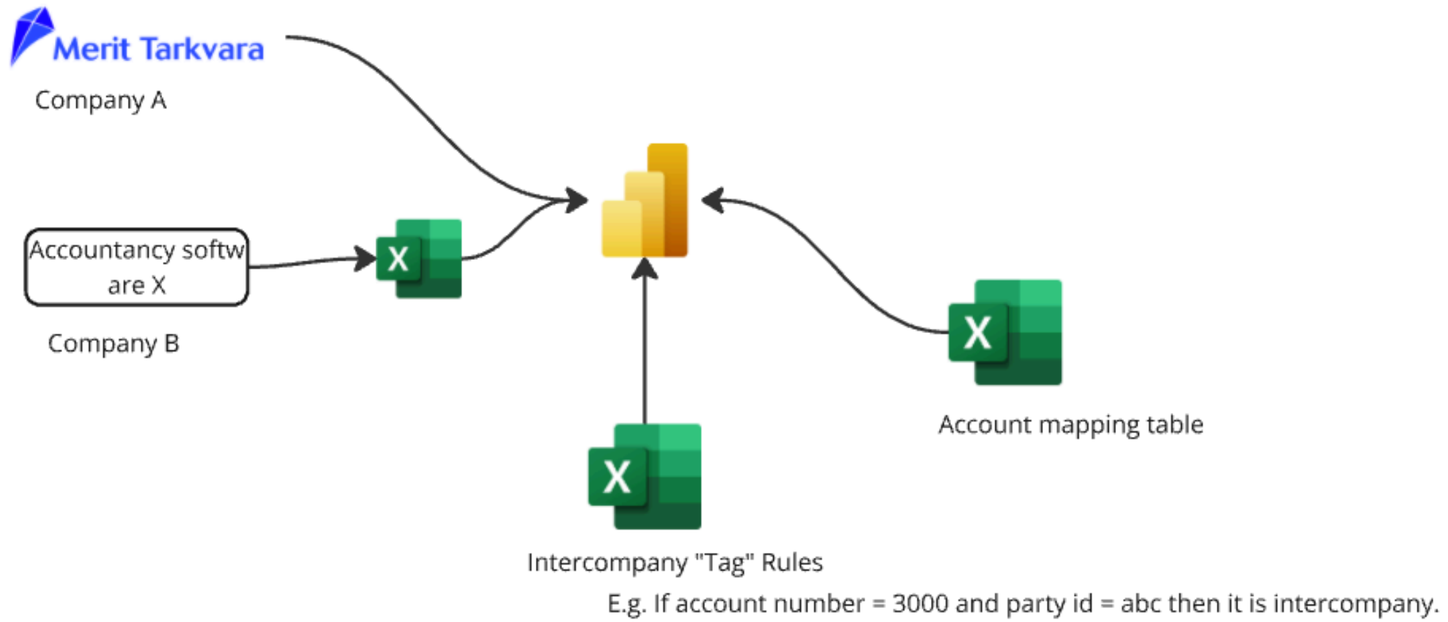
1. Add in power bi the multiple API keys per company
2. Create a excel or google sheets table with the intercompany rules.
3. If there are different accounts, another account mapping table is needed
4. Link the excel sheets to your power bi model, in a composite model
5. Refresh the model



Consolidation

Case 2: parent and daughter(s) exist in different accountancy system

1. Add in power bi the multiple API keys per company
2. Extract from accountancy system
3. Create a excel or google sheets table with the intercompany rules.
4. Account mapping table, for different accounts
5. Link the excel sheets to your power bi model, in a composite model
6. Refresh the model



Täname!

Sparkle