



Use Case - Tax management for Self-Employment.

Overview

Using Chat GPT (Copilot) to scan receipts, recognize expenses, and calculate VAT for Tax reports of Sole Traders.

Steps

Step 1: Make photo of the receipts

Make a photo of your receipts, a few receipts per photo is ok. Example:





Tips:

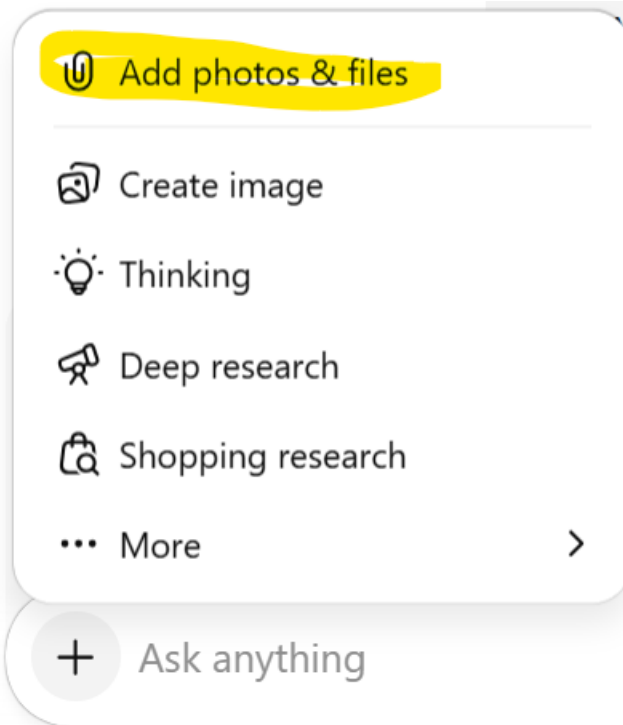
[Add helpful tips or best practices here]

Try to include store name in receipt header, improve lights to avoid shadows on the receipts.

Step 2: Open ChatGPT, Add photos

[Describe what needs to be done in this step]

Upload files for a new question (prompt).



Tips:

[Add helpful tips or best practices here]

Step 3: Receipt photo recognition prompt

[Describe what needs to be done in this step]

Copy/paste

You are an accounting assistant parsing receipts from construction goods stores (SE, NO, DK, FI).

Input: photos/scans of one or more receipts. DO NOT translate the item text in the original column.

Output: ONE CSV block with all products: store name, date, receipt_number, currency, item_index, item_name, item_name_en_short, quantity, unit_price, line_total, category, notes



Where:

- item_name — the product name as on the receipt (original language, no translation).
- item_name_en_short — a very brief summary in English (1-4 words, without unnecessary details).

General rules:

- 1 CSV row = 1 item. For EACH new receipt, item_index starts with 1.
- The decimal separator is a comma (Leave unknown fields blank).
- Wrap values with commas/special characters in double quotes.
- Translations in item_name_end_short should be clear and neutral, without abbreviations like "etc".

Category:

- "Construction" — materials/accesories that become part of a house.
- "Other" — tools, equipment, clothing, and everything else.
- When in doubt, put "Other" and a brief explanation in notes.

If receipt of poor quality:

- If Only the total amount is visible, but these are construction goods, so one line with the total amount and an explanation in notes (translations can be omitted).
- If receipt photo isn't readable at all, then: don't add the items, and write in the notes that the receipt isn't legible.

ALWAYS respond with a single CSV block: first the header, then the rows.



You are an accountant assistant parsing receipts from construction goods stores (Sweden, Norway, Denmark).
Input: photos of one or more receipts. DO NOT translate the item text in the original column.

Output: ONE CSV block with all products: store name, date, receipt_number, currency, item_index, item_name, item_name_sv, item_name_en_short, quantity, unit_price, line_total, category, notes

Where:

- item_name — the product name as on the receipt (original language, no translation).
- item_name_sv — Swedish translation of the name IF the receipt is NOT Swedish; if the receipt is in Swedish, leave blank.

Tips:

[Add helpful tips or best practices here]

Step 4: Transfer resulted data to Excell

[Describe what needs to be done in this step]



CSV

Copy code

```
store name,date,receipt_number,currency,item_index,item_name,item_name_sv,item_na
Biltema,2023-01-07,335212,SEK,1,"ADBLUE, 10 L",,AdBlue,1,249.00,249.00,Other,
Biltema,2023-01-07,335212,SEK,2,"SINTUNDERLAG, 3 ST.",,felt underlay,1,49.90,49.9
Biltema,2023-01-07,335212,SEK,3,"TUMSTOCK, 2 M, TUM",,folding ruler,1,19.90,19.90
Biltema,2023-01-07,335212,SEK,4,"KEDJESÅGSFIL MED MALL, 4,0 MM",,chainsaw file,1,
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data_gpt_224_434	✓	2026-01-05 09:56	Textdokument	4 KB
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The screenshot shows the Microsoft Excel interface with the 'Data' ribbon active. The 'From Text/CSV' option is highlighted. An 'Import Data' dialog box is open, displaying a file explorer view of the 'tax' folder. The file 'data_gpt_224_434' is selected and highlighted in yellow. The file name 'data_gpt_224_434' is entered in the 'File name' field, and the file type is set to 'Text Files'. The 'Import' button is visible at the bottom right of the dialog box.



	A	B	C	D	E	F	G	H	I	J
1	store name	date	receipt number	currency	item index	item name	item name sv	item name en short	quantity	unit price
2	Biltema	2023-01-07	335212	SEK	1	ADBLUE, 10 L		AdBlue	1	249.00
3	Biltema	2023-01-07	335212	SEK	2	SINTUNDERLAG, 3 ST.		felt underlay	1	49.90
4	Biltema	2023-01-07	335212	SEK	3	TUMSTOCK, 2 M, TUM		folding ruler	1	19.90
5	Biltema	2023-01-07	335212	SEK	4	KEDJESÄGSFIL MED MALL, 4,0 MM		chainsaw file	1	84.90
6	Biltema	2023-03-03	341851	SEK	1	GÅNGJÄRN 100 CM		hinge	2	39.90
7	Biltema	2023-03-03	341851	SEK	2	ARBETSAMPA, 30 W		work lamp	1	269.00
8	Biltema	2023-03-03	341851	SEK	3	HÅNGÅSA, 60 MM		hasp	1	109.00
9	Biltema	2023-03-03	341851	SEK	4	VINKELBESLAG, FÖRST, 125X125X55		angle bracket	2	24.90
10	Byggmax Karlskrona	2023-01-05	CO1109-00004582	SEK	1	MURBRUK B M2,5 25KG		mortar	1	64.95
11	Byggmax Karlskrona	2023-01-05	CO1109-00004582	SEK	2	JORDANKARE 48X600X2,0 FZV		ground anchor	12	69.95
12	Byggmax Karlskrona	2023-01-05	CO1109-00004582	SEK	3	JORDANKARE 100X750X2,0 FZV		ground anchor	6	119.00

Tips:

[Add helpful tips or best practices here]

Step 5: Working with VAT calculation per Item

In Sweden and Denmark Sole Traders (Enskild Firma) should report the total VAT after corporate expenses, each 3 months. So we employ next two available rows for that

We add formula “=K2/1,25” to cell “O” in order to calculate NET price (before VAT), and we add Formula “=K2-O2” to cell “P” to calculate VAT for each item.

we expand cell Format for “O” and “P” to all rows and add final Row with total VAT.

We examine that the VAT for the first Receipt is Correct:



And in Excell :



=K2-02

sv	item_name_en_short	quantity	unit_price	line_total	category	notes			
	AdBlue	1,00	249,00	249,00	Other			199,20	49,80
	felt underlay	1,00	49,90	49,90	Construction			39,92	9,98
	folding ruler	1,00	19,90	19,90	Other			15,92	3,98
	chainsaw file	1,00	84,90	84,90	Other			67,92	16,98
	hinge	2,00	39,90	79,80	Construction			63,84	15,96
	work lamp	1,00	269,00	269,00	Other			215,20	53,80
	hasp	1,00	109,00	109,00	Construction			87,20	21,80

Average: 20,19	Count: 4	Sum: 80,74
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Tips:

[Add helpful tips or best practices here]

Optional Enhancements

Manuall Data validation reveals 10% missings :

Image 1:

2 receipts Billtema store, 11 items in total. 8 was identified successfully.

Missing items 429 (and Discount -51), then 189, 299)



142429 GNAGSKYDD, 100 CM		
2 * 39.90		79.80
48396 ARBETSLAMPA, 30 W		
1 * 269.00		269.00
87129 HÄNGLAS, 60 MM		
1 * 109.00		109.00
194893 VINKELBESLAG, FÖRST, 125X125X55		
2 * 24.90		49.80
18479 ALKYLATBENSIN 4-TAKT, 1 L		
10 * 42.90		429.00
Rabatt		-51.00
39267 JEEPDUK, 20 L		
1 * 189.00		189.00
470345 FLYTTVAGN MED HANDTAG		
1 * 299.00		299.00
<hr/>		
Total rabatt:		51.00
Totalt (SEK):		1373.60
Tillbaka:		0.00

2 receipts Bygghuset store, 16 items in total, 13 was identified successfully. Missing items



Byggmax Karlskrona
Uranvägen 1
371 49, Karlskrona
Telefon: 0771 89 00 89
Org.nr: 556645-6215

KASSAKVITTO

0112
MURBRUK B M2,5 25KG
2st x 64,95 SEK **129,90**

238295
JORDANKARE
100X750X2,0 FZV
2st x 119,00 SEK **238,00**

Totalt: 294,32 SEK
Moms: 73,58 SEK
25%: 73,58 SEK
Totalt (inkl. moms): 367,90 SEK

Kassa: Kassa 1
Kvittonummer: CO1109-00005940
Datum: 2023-01-16 09:04
Nets: 367,90 SEK

MS HandelsBan SE
BUTIKSNR: 30413967
TERM: 13884536-505313
2023-01-16 09:04

Visa
Contactless
*****9591-0
AID: A0000000031010
TVR: 0000000000
REF: 338809 518580 KC1
RESP: 00
PERIOD: 440

KÖP
SEK 367,90
GODKÄNT

Spara kvittot för garantivaror.
Öppet köp i 365 dagar för butiksvaror.
Webb och beställningsvaror tillämpa

Byggmax Karlskrona
Uranvägen 1
371 49, Karlskrona
Telefon: 0771 89 00 89
Org.nr: 556645-6215

KASSAKVITTO

234291
VINKEL 90X90X65X2,5MM
6st x 10,95 SEK **65,70**

230820
HALPLATTA
80X200X2,0MM
4st x 11,95 SEK **47,80**

235138
BALKSKO 45X168MM
2st x 24,95 SEK **49,90**

24081
GÅNGSTANG M10 1,0M
4,6 FZV
2st x 34,95 SEK **69,90**

270B24
GLOVES PRO DEX14 STL
11
1st x 59,95 SEK **59,95**

237310
BAND 1,25X25MM, 5M
1st x 89,95 SEK **89,95**

24800
KILOPRIS GIPS &
SPÅNSKRUV
0,554kg x 99,95 SEK **55,37**

24303
GIPSSKRUV 3,9X30 TRÄ
FZB 100ST
1st x 149,00 SEK **149,00**

Totalt: 470,06 SEK
Moms: 117,51 SEK
25%: 117,51 SEK
Totalt (inkl. moms): 587,57 SEK

Byggmax Karlskrona
Uranvägen 1
371 49, Karlskrona
Telefon: 0771 89 00 89
Org.nr: 556645-6215

KASSAKVITTO

GLASSJON ZEKLER 30
HÖRKLAR
1st x 59,95 SEK **59,95**

295741
SKARVUTTAG CS 416-6
GELIA
1st x 69,95 SEK **69,95**

28081
AVBITARTANG
1st x 69,95 SEK **69,95**

Totalt: 183,84 SEK
Moms: 45,96 SEK
25%: 45,96 SEK
Totalt (inkl. moms): 229,80 SEK

Kassa: Kassa 2
Kvittonummer: CO1109-00005811
Datum: 2023-01-15 10:47
Nets: 229,80 SEK

MS HandelsBan SE
BUTIKSNR: 30413967
TERM: 13884544-505313
2023-01-15 10:47

Visa
Contactless
*****9591-0
AID: A0000000031010
TVR: 0000000000
REF: 380044 682050 KC1
RESP: 00
PERIOD: 439

KÖP
SEK 229,80

