

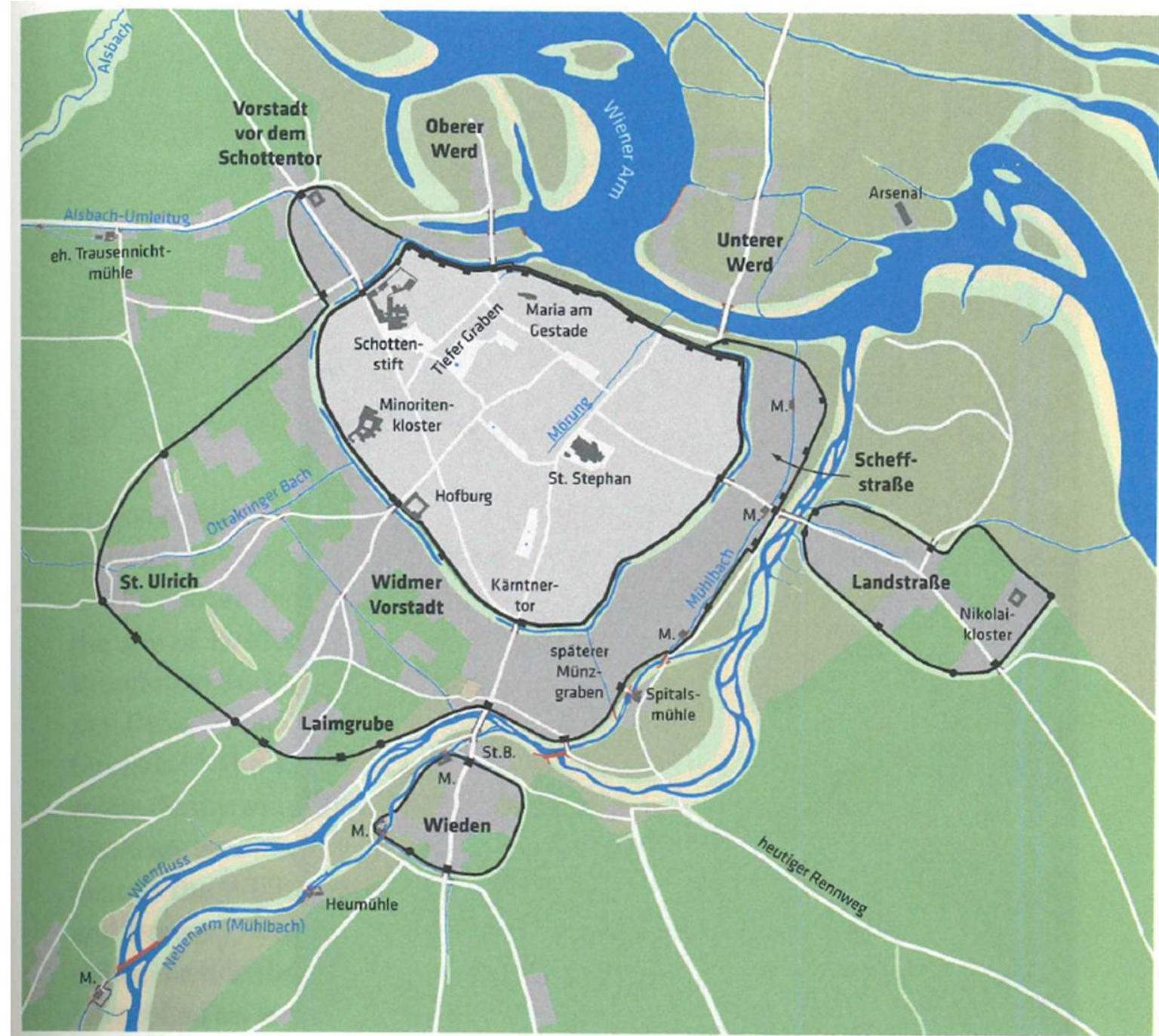


# Mapping Medieval Vienna

The social topography of Vienna in the  
15th century

# Vienna around 1500

source: H. Krause, P. Mitchell, C. Sonnlechner, The Urban Waterscape in Medieval Vienna, in: S. Zapke, E. Gruber (Hrsg.), A Companion to Medieval Vienna. Leiden/Boston: Brill, 2021, S. 222-264, S. 233 Abb. 9.2.



# Bestand der Wiener Grundbücher (des Mittelalters)

Signatur	Titel		Zeitraum	
<b>2.1.2.1.B1.5.1</b>	Satzbücher	Satzbuch A1	1373-1388	1373 - 1545
<b>2.1.2.1.B1.32</b>		Satzbuch A2	1388-1419	
<b>2.1.2.1.B1.33</b>		Satzbuch B	1420-1437	
<b>2.1.2.1.B1.34</b>		Satzbuch C-D	1438-1473	
<b>2.1.2.1.B1.35</b>		Satzbuch E	1474-1523	
<b>2.1.2.1.B1.36</b>		Satzbuch F	1523-1545	
<b>2.1.2.1.B1.3</b>	Kaufbücher	Kaufbuch A	1368-1372	1368 – 1388; 1420 – 1437
<b>2.1.2.1.B1.4</b>		Kaufbuch C	1373-1388	
<b>2.1.2.1.B1.6a</b>		<b>Kaufbuch E</b>	<b>1420-1437</b>	
<b>2.1.2.1.B1.6b.1</b>		<b>Kaufbuch E</b>	<b>1420-1437</b>	
<b>2.1.2.1.B1.5.2</b>	Gewerbücher	Gewährbuch B	1373-1419	1373 - 1534
<b>2.1.2.1.B1.6b.2</b>		Gewährbuch C	1420-1437	
<b>2.1.2.1.B1.7</b>		<b>Gewährbuch D</b>	<b>1438-1473</b>	
<b>2.1.2.1.B1.8</b>		<b>Gewährbuch E</b>	<b>1474-1517</b>	
<b>2.1.2.1.B1.9</b>		Gewährbuch F	1518-1534	
<b>2.1.2.1.B1.5.3</b>	Verbotbuch	Verbotbuch	1373-1399	1373-1399

# Goals

data:

- eventually, capture every person and house in 15th century Vienna
- align data with other projects in Vienna
- verifiability of the data

historical research, e.g.

- Hussite wars
- Extinction of the Jews in Vienna 1420/21

in particular, social history:

- who lived where
- house owners and renters
- did houses stay in the same profession?
- strategies of securing income via housing deals

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Document Page Structural **Textual** Comments

**Tags of current Transcript**

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**Tags**

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2-1 342

2-2 cc lxxxxviii

3-1 Larencz Swancz dieczeit des Rats der Stat zu Wienn hat empfangen nucz und gewer Ains

3-2 hawss mit aller seiner zugehorung gelegen am Hohenmarkt an silberpuhel zenagst

3-3 der Gassen als man an den Kienmarkt aet an aim tail und an dem andern zenaast Has

In Collection text All engines All Languages

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Name	Language	Creator	Techno
GB frühes Kurrent 3.0	German	j.helmchen...	PyLaia
GB frühes Kurrent 2.0	German	j.helmchen...	PyLaia
Modell für Grundbuc...	German, ...	j.helmchen...	PyLaia
GB frühes Kurrent	German	j.helmchen...	PyLaia
KB1 + KB2/GBC + GBD	German	j.helmchen...	PyLaia
Model Test Tagung	German, ...	juli25@live....	CITlab
Model für GBD	German	juli25@live....	CITlab
Model für GBD (mit T...	German	juli25@live....	CITlab
Test_08_02_22	Frühneuh...	N/A	CITlab
SB-CD Base + KB-E1	Frühneuh...	N/A	CITlab
Satz/Kaufbuch Test	german	N/A	CITlab
Satzbuch+Kaufbuch ...	Frühneuh...	N/A	CITlab
Satzbuch+Kaufbuch ...	Frühneuh...	N/A	CITlab
Satzbuch+Kaufbuch ...	Frühneuh...	N/A	CITlab
Satzbuch+Kaufbuch ...	Frühneuh...	N/A	CITlab
Test 1	German	N/A	CITlab
Satzbuch CD 2.0	Frühneuh...	N/A	CITlab

25 Filter

## Details

Name:

GB frühes Kurrent 3.0

Language:

German

Creator:

j.helmchen@fu-berlin.de

Description:

Train: 1000-1010, 1200-1450

davonVali: 1007, 1204, 1235, 1265, 1309, 1348, 1373, 1381, 1390, 1430

Parameters:

Max epochs	500
Early stopping	30
Epochs trained	438
Learning rate	0.0003
Batch size	24

Document Type: Handwritten

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Nr. of Words: 82130

Nr. of Lines: 8894



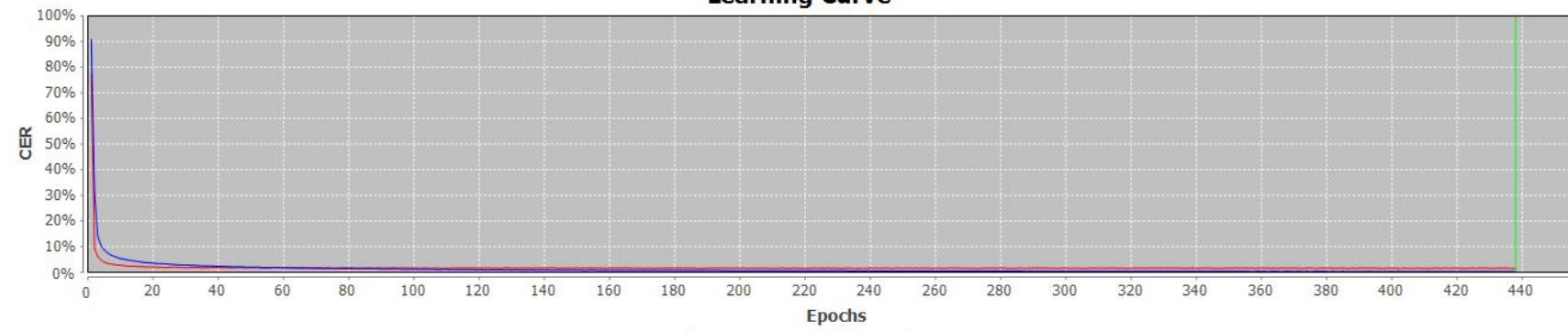
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Train Set

Validation Set

Characters

Learning Curve



CER on Train Set: 0.30%

CER on Validation Set: 1.60%

OK

Cancel

Agnes von Lincz hat verkaufft ain haus gelegen vor Widmertor ze Wienn zenegst  
Jacobin der Paugkerin haus umb vier und zwainczig phunt Wiener phenning dem erbern  
mann Veiten dem Valkchner und frawn Barbaren seiner hausfrau und ir baider erben  
furbaser ledichlich und freileich zehaben und allen irn frumen damit zeschaffen ut littera  
sonat Actum an Freitag vor Bartholomei Anno domini M<sup>o</sup> cccc<sup>o</sup> xxii<sup>o</sup>

Dum eboray d.

Agnes von Lincz hat verkaufft ain haus gelegen vor Widmertor ze Wienn zenegst  
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furbaser ledichlich und freileich zehaben und allen irn frumen damit zeschaffen ut littera  
sonat Actum an Freitag vor Bartholomei Anno domini M<sup>o</sup> cccc<sup>o</sup> xxii<sup>o</sup>

Summa xlviij d.

Agnes von Lincz

hat verkaufft

ain haus

gelegen vor Widmertor ze Wienn  
zenegst / Jacobin der Paugkerin haus

umb vier und zwainzig phunt Wiener phenning

dem erbern / mann Veiten dem Valkchner  
und frawn Barbaren seiner hausfraw  
und ir baider erben /  
furbaser ledichlich und freileich zehaben  
und allen irn frumen damit zeschaffen

ut littera / sonat

Actum an Freitag vor Bartholomei Anno domini  
M° cccc° xxii° /

Summa xlviii d.

**P1** Agnes von **O1** Lincz

**E1** hat verkaufft

**D1** ain haus

**L** gelegen vor **O2** Widmertor ze Wienn  
**L** zenegst / **P2** Jacobin der Paugkerin **D2** haus

**G1** umb vier und zwainzig phunt Wiener phenning

**P3** dem erbern / mann Veiten dem Valkchner  
und **P4** frawn Barbaren **BZ** seiner hausfraw  
und ir baider erben /  
furbaser ledichlich und freileich zehaben  
und allen irn frumen damit zeschaffen

ut littera / sonat

Actum an Freitag vor Bartholomei Anno domini  
M° cccc° xxii° /

Summa xlviii d.

# Extracted people, relationships, events, spatial relations

## P1 Agnes von Lincz

VN Agnes, ORTSBEZUG (NN ?) Linz

VN first name

## P2 Jacobin der Paugkerin

VN (not given), NN/BER (both as for P5)  
is wife of P5

NN surname

BER occupation

ORTSBEZUG relation to a place

## P3 Veiten dem Valkchner

VN Veit NN/BERUF falconer

## P4 frawn Barbaren

VN Barbara, NN (as P3)  
is wife of P3

## P5 [Jacob der Paugker] (only indirectly in the text, providing P2's name)

VN Jakob, NN/BER Pauker

### E1: P1 sells D1 for G1 to P3+P4, Actum 1422, Summa

state at the time of E1: P4 is wife of P3

state at the time of E1: P2 is/was wife of P5 (likely already dead)

state at the time of: seller P1 and buyer P3+P4 are alive and contractually capable

## D1 ain haus

is outside of O2 = Widmertor (i.e. in the “Widmer Vorstadt” area outside the city walls)  
ist next to D2

## D2 Jacobin der Paugkerin haus

is referenced by P2

```
<p>
<lb id="z001"/>
<person id="P1">Agnes von <ort id="O1">Lincz</ort></person>

<ereignis id="E1">hat verkaufft</ereignis>

<objekt id="D1">ain haus</objekt>
  <lage>gelegen vor</lage> <ort id="O2">Widmertor ze Wienn</ort>
  <lage>zenegst</lage> <lb id="z002"/><person id="P2">Jacobin der Paugkerin</person> <objekt id="O2">haus</objekt>

<betrag standard="24-0-0">umb vier und zwainczig phunt Wiener phenning</betrag>

<person id="P3">dem erbern <lb id="z003"/>mann Veiten dem Valkchner</person>
und <person id="P4">frawn Barbaren</person> <beziehung>seiner hausfrau</beziehung>
  und ir baider erben <lb id="z004"/>
  furbaser ledichlich und freileich zehaben und allen irn frumen damit zeschaffen

ut littera <lb id="z005"/>sonat
<datum wann="1422">Actum an Freitag vor Bartholomei Anno domini M° cccc° xxii°</datum> <lb id="z006"/>
<betrag standard="0-0-48">Summa xlviii d.</betrag>
</p>
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```
<listPerson>
<person xml:id="P3">
  <persName>
    <forename>Veit</forename>
    <surname>Falkner</surname>
  </persName>
  <!-- More info on this person ... -->
</person>
<!-- More person entries ... -->
</listPerson>
```

→ TEI is needed for a minimal edition, not helpful for anything else

# Ontology

will be based on: CIDOC CRM, Bookkeeping Ontology, and Sem4MountHist

a first step:

**E1: P1 sells D1 for G1 to P3+P4, Actum 1422, Summa**

state at the time of E1: P4 is wife of P3

state at the time of E1: P2 is/was wife of P5 (likely already dead)

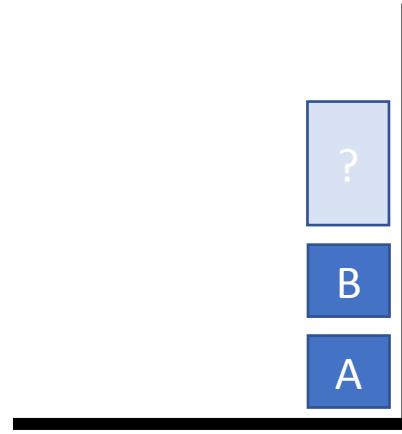
state at the time of: seller P1 and buyer P3+P4 are alive and contractually capable

→ transformed in events, in temporal order:

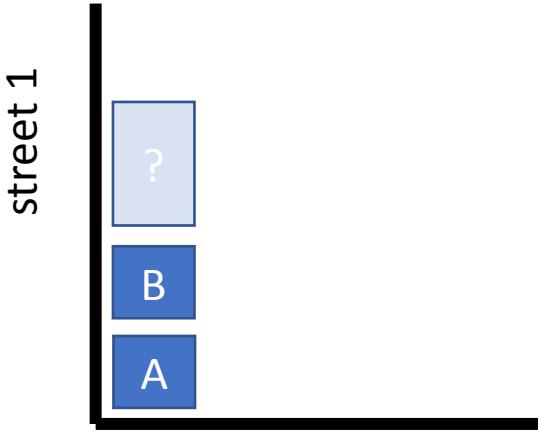
wedding of P3+P4 / wedding of P2+P5 / P1 becomes contractually capable  
death of P5 ?

**E1: P1 sells D1 for G1 to P3+P4, Actum 1422, Summa**

death of P1 / P3 / P4



street 2



street 1

house A is located in street 1, corner of street 2

house B is located in street 1 next to house A

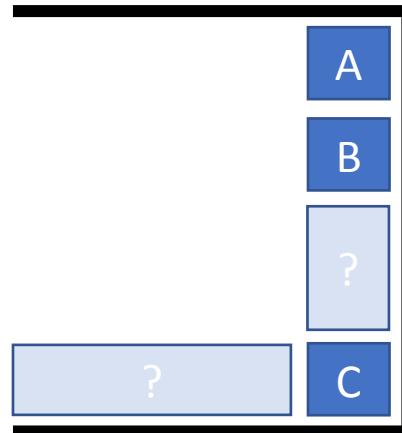
more houses in street 1

house C is located in street 1, corner of street 3

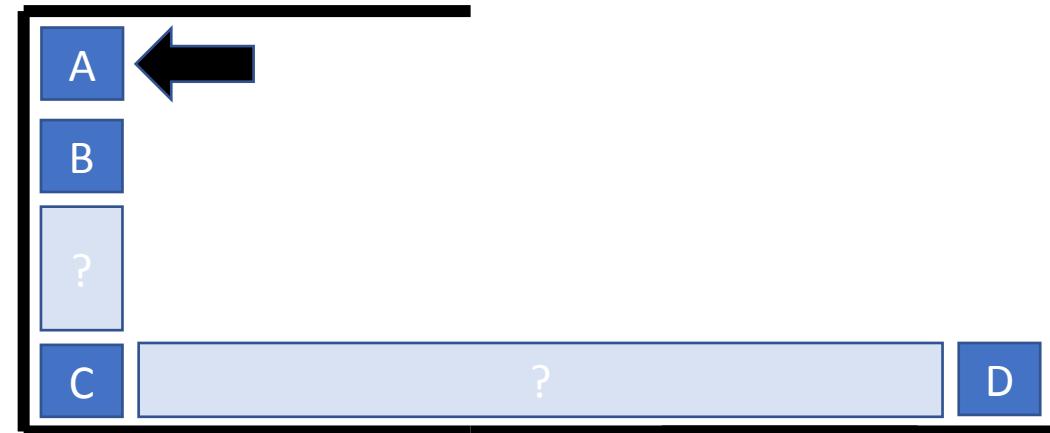
more houses in street 3

house D is located in street 3, corner of street 4

house A has a known position, based on archaeological finds



street 3



street 4

# Chains of houses

chain of houses 1420:

- house called "auf der Schut": Dankard Steiner
- house in Fischhof, 1420 sold by Kunigunde to Christian Feldner
- house of Reidecker

chain of houses 1431:

- house in Rotgasse (i.e. at Fischhof), "auf der Schut"  
bought by Dankard and Margarethe  
Margarethe's share inherited by Agnes  
1431 sold by Dankard and Agnes to Peter and Anna Stengel
- house 1431 von Christian dem Feldner

→ analysis: the same house belonging to Dankard Steiner

## Chains of houses 2

unified chain of events:

Dankard and Margarethe buy a house

Margarethe dies, Agnes inherits her share / 1420: Kunigunde sells a house to Christian den Feldner

1431: Dankard and Agnes sell the house

unified chain of houses:

- house in Rotgasse (at Fischhof), called "auf der Schut"

E1 (before Z1) bought by Dankard and Margarethe

Z1: 1420 owned by Dankard Steiner

E2 (after E1, before E3, unclear relationship to Z1): Margarethe's share inherited by Agnes

E3: 1431 sold by Dankard and Agnes to Peter and Anna Stengel

- house at Fischhof

E4: 1420 sold by Kunigunde to Christian Feldner

Z2: 1431 owned by Christian Feldner

- house

Z3: 1420 owned by Reidecker

# Local closed worlds

D ain haws

L gelegen hinder sannd Pangreczen ze Wienn

N genant des Speten haus

L zenegst P Hannsen des Wekcherleins haus an ainem tail

L und\_zenegst P Otten haus von Perichtolczdorf an dem andern tail

davon man Jerleich dint zu der vorgenant sannd Pangreczen kappeln ze Wienn

Siben und funfczig Wiener phenning ze purkrecht

und nicht mer

→ how to deal with this?

# How to automate?

Formulaic language

- but many exceptions
- nested forms, e.g. for earlier changes of ownership

Our approach so far: recognition of key words and phrases

- surprisingly successful
- but is a manually created Excel file easier / more efficient?

Role of AI ?

- “Stift von Basel”: mark Basel as place?