

**ANALYSIS DATABASE**

**BLACKSMITHS IN WESTEROS**

# OVERVIEW

## ABOUT THE BLACKSMITH

Column name	Colum content
Blacksmith ID	The identification number of the Blacksmith
Blacksmith Name	The name of the Blacksmith
VAT Number	The Blacksmith's VAT number
Tax Id Number	The Blacksmith's Tax Id Number
Regions	Location of the Blacksmith's shop
Provinces	
Cities	

## ABOUT THE INVOICE

Invoice ID	ID of each invoice
Invoice Number	Number of the invoice
Invoice Date	Date of the invoice
Amount	The invoice amount

## ABOUT THE SUPPLIER

Supplier	The supplier's name
Supplier Tax Id	The supplier's Tax Id

4.911.729

RECORDED INVOICES

90.167

DIFFERENT SUPPLIERS

7.674

DIFFERENT BLACKSMITHS

7.073.055.689

TOTAL INCOME

365 DAYS

9

REGIONS

105

PROVINCES

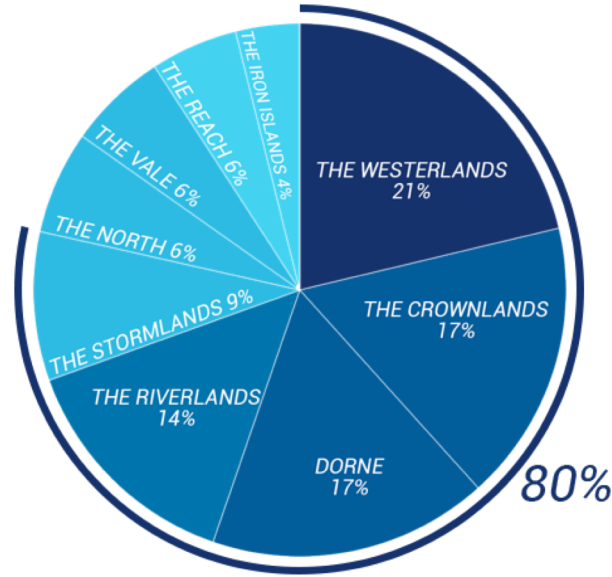
3.247

CITIES

THIS NUMBER HAS BEEN ALTERED TO PRESERVED THE ANONOMITY

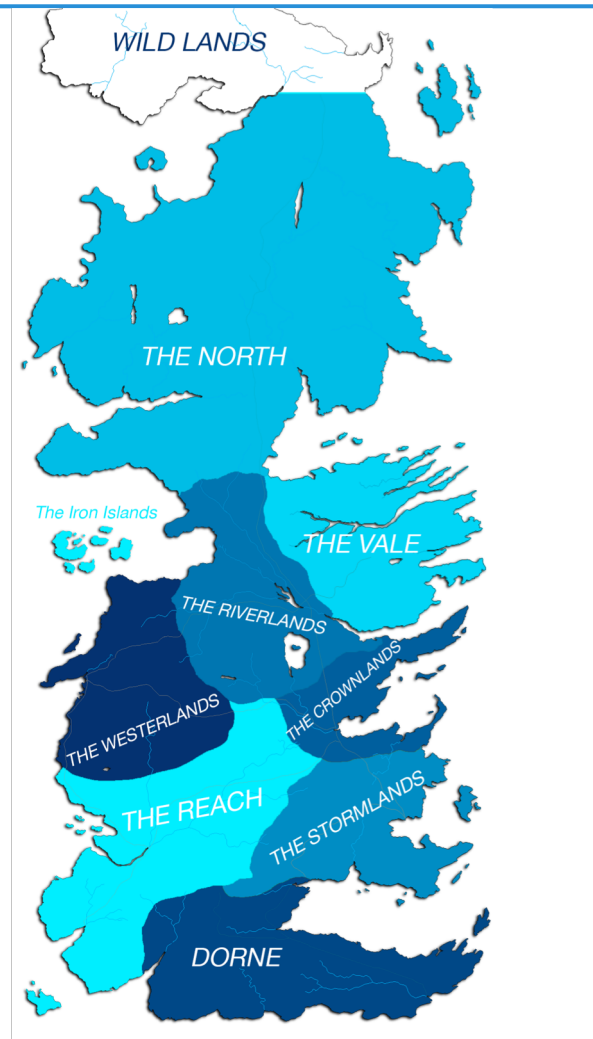
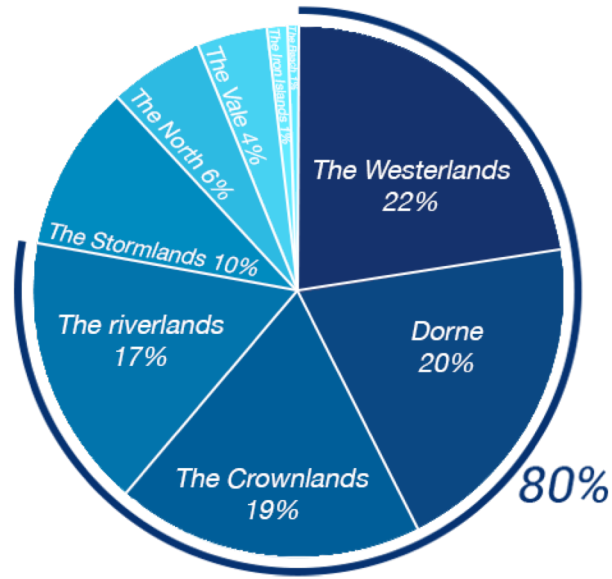
# DISTRIBUTION OF INVOICES

THE WESTERLANDS	1 012 228
THE CROWNLANDS	834 895
DORNE	830 895
THE RIVERLANDS	715 753
THE STORMLANDS	497 371
THE NORTH	302 483
THE VALE	292 764
THE REACH	261 887
THE IRON ISLANDS	163 453
WILD LANDS	0



# DISTRIBUTION OF INCOME

THE WESTERLANDS	1.224 Millions
DORNE	1.097 Millions
THE CROWNLANDS	1.020 Millions
THE RIVERLANDS	910 Millions
THE STORMLANDS	560 Millions
THE NORTH	319 Millions
THE VALE	227 Millions
THE REACH	74 Millions
THE IRON ISLANDS	37 Millions
WILD LANDS	0



## NUMBER OF BLACKSMITHS IN EACH REGION

THE WESTERLANDS	1649
DORNE	1605
THE CROWNLANDS	1582
THE RIVERLANDS	1030
THE NORTH	812
THE VALE	688
THE STORMLANDS	232
THE REACH	71
THE IRON ISLANDS	2
WILD LANDS	0

# A MATTER OF PERSPECTIVE?

DO THINGS CHANGE IF WE ANALYSE THE AMOUNT OF  
INVOICES AND THE INCOME PROPORTIONALLY TO THE  
NUMBER OF BLACKSMITHS IN EACH REGION?

## TOP 5 REGIONS

By number of invoices proportionally  
to the number of blacksmiths

THE WESTERLANDS	833,94
THE NORTH	720,90
THE CROWNLANDS	573,04
THE IRON ISLANDS	576,00
THE RIVERLANDS	625,86

Average number of  
invoices for blacksmith

## TOP 5 REGIONS

By total cost proportionally to  
the number of blacksmiths

THE WESTERLANDS	1 141 652,31
THE NORTH	1 097 338,00
DORNE	931 483,75
THE VALE	924 267,22
THE REACH	827 737,06

Average cost of  
invoices for blacksmith

# TOP 10 SUPPLIERS

These suppliers produced around the 29% of the total invoices and approximately 59% of the total income

TOP 10 suppliers  
By number of invoices

Lannister	248 073
Tully	225 401
Stark	187 770
Targaryen	183 240
Greyjoy	162 128
Baratheon	145 285
Tyrell	90 482
Arryn	69 650
Clegane	57 609
Martell	53 095

Number of  
invoices

TOP 10 suppliers  
By total amount

Tully	603.15 M
Targaryen	576.64 M
Greyjoy	368.86 M
Baratheon	355.01 M
Tyrell	336.08 M
Stark	318.53 M
Lannister	283.15 M
Arryn	262.04 M
Martell	182.55 M
Frey	171.42 M

Total  
Income

# ANALYSIS ON SUPPLIERS

OF ALL THE SUPPLIERS, A MERE **0.04%** CATERS TO ALL REGIONS, WHILE A SUBSTANTIAL **89%** OF THE SUPPLIERS OPERATE LOCALLY AND SERVE ONLY ONE REGION.

Number of regions supplied	Number of suppliers
9	38
8	99
7	99
6	229
5	536
4	879
3	1638
2	4993
1	80016

Top 10 suppliers by income	Number of regions served
Tully	9
Targaryen	8
Greyjoy	8
Baratheon	7
Tyrell	6
Stark	6
Lannister	6
Arryn	5
Martell	4
Frey	2

Out of all the top suppliers, only 1 serves all regions

# ANALYSIS OF SUPPLIERS

Of the suppliers operating across all regions, only one appears within the top 10 in terms of income. Nonetheless, all of these suppliers are situated within the top 1% with regards to their total income.

Numero di regioni fornite	Numero di Fornitori
9	38
8	99
7	99
6	229
5	536
4	879
3	1638
2	4993
1	80016

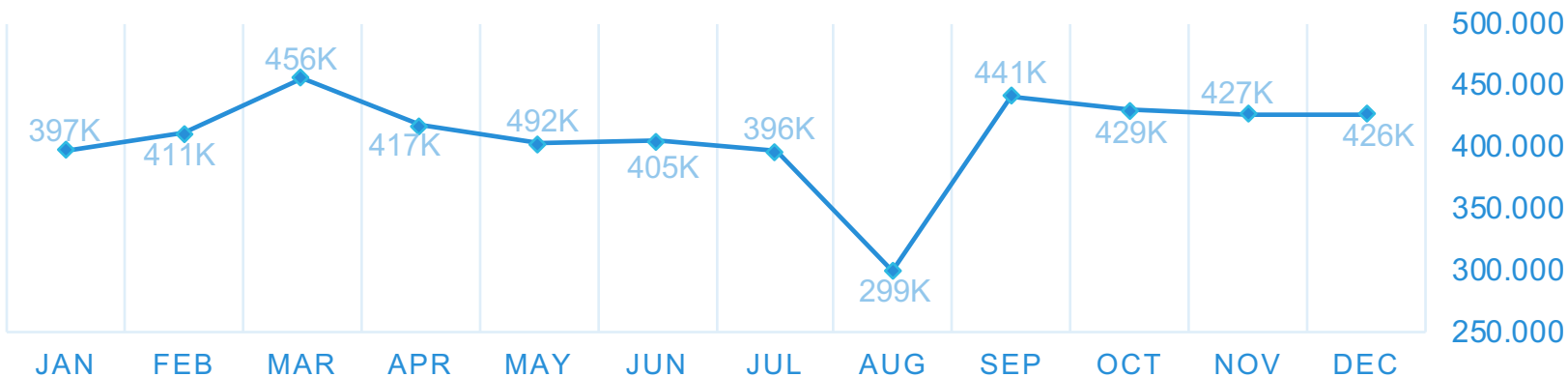
Fornitore	Importo	Rank
Tully	603 145 776	1
Mormont	49 448 418	23
Bolton	31 387 152	36
Reed	30 069 900	37
Karstark	25 499 295	45
Baelish	23 393 418	48
Sand	17 161 665	51
Yronwood	16 801 063	53
Blackfyre	14 237 246	61
Hightower	12 583 093	62
Hornwood	10 792 527	71
Umber	10 396 653	73
Manderly	9 521 819	79
Westerling	9 227 096	80
Saltcliffe	7 409 406	88
Drumm	6 908 826	91
Swyft	6 814 974	93
Hawick	6 780 428	94
Glover	6 772 479	95

Fornitore	Importo	Rank
Wylis	6 499 880	100
Flint	6 415 228	101
Cassel	6 356 685	103
Allyrion	5 275 871	115
Estermont	3 575 168	149
Farwynd	3 512 009	152
Blackmont	2 323 152	200
Waynwood	1 539 474	262
Rykker	1 299 825	286
Melcolm	1 299 104	287
Lake	1 238 435	298
Vance	1 148 908	316
Oakheart	1 020 055	343
Morrigen	964 009	352
Darklyn	942 062	358
Justman	861 142	378
Tarly	806 543	391
Fenn	324 498	700
Dayne	243 634	843

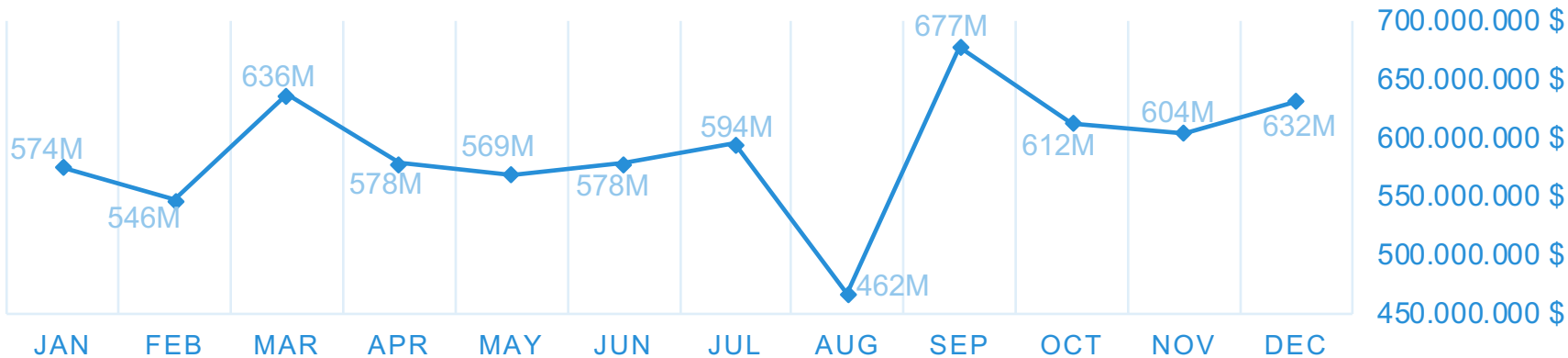


# TEMPORAL DISTRIBUTION

DISTRIBUTION OF INVOICES



DISTRIBUTION OF INCOME



# FUTURE DEVELOPMENT

- This analysis allows us to identify the areas where the company is most active and as a result:
  - Strengthen our presence in the area where there is the greatest activity
  - Analyze the reasons for less activity in other areas and enhance our presence there
- It shows the trend over time, helping to identify periods of greater or lesser activity.
- Joining our data with online databases, it is possible to further deepen the analyses. For example:
  - We could analyze the distribution of blacksmiths that have chosen us versus those that have not
  - We could analyze if there is a higher presence of blacksmiths specialized in weapons or tools among our retailers
  - We could study the spending of blacksmiths in relation to the population of the town.
- Getting informations about the content of the invoices would allow us to carry more analysis and check trends and distributions of specific services
- **The analyses carried out are easily replicable.**

This means that the analyses already performed can be easily reproduced by changing the selected period or place, or by replicating the analysis on databases from other years.

  - Analysing a larger amount of time would also allow us to realise a forecast on future years