

A series of thin, black, intersecting lines forming a complex, abstract geometric pattern that resembles a wireframe or a network diagram. The lines are scattered across the left and center of the slide, creating a sense of depth and structure.

THE DWARVES SOLUTION

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THE DATA

- * Perform data preparation & cleaning using Pandas & Numpy
- * Perform exploratory analysis & visualization using Matplotlib & Seaborn
- * Ask & answer questions about the data in a Jupyter notebook
- * Summarize your inferences & write a conclusion

THE BABY'S _____ There aren't many baby-dwarves, not sure why.

THE HOLIDAY _____ Is there a dwarven holiday, why ?

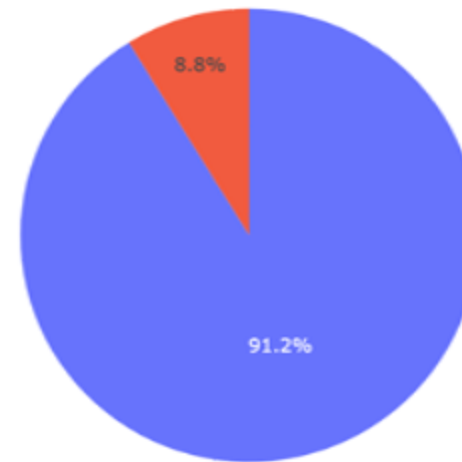
THE BEARD SITUATION _____ How to distinguish between males and females.

THE CHIEF ASTRONOMER _____ He Keeps telling Darf that dwarves born on June are sensitive and caring.

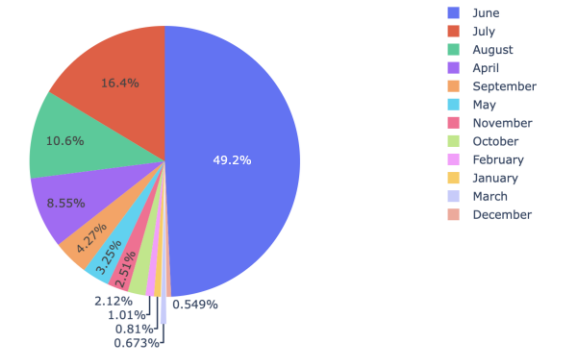
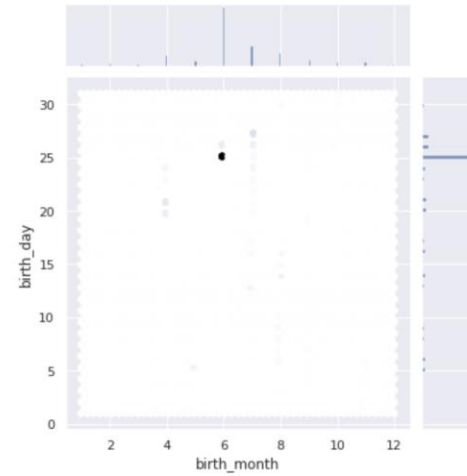
PROBLEMS

THERE AREN'T MANY BABY-DWARVES, NOT SURE WHY.

The reason there are not too many baby dwarves is because the number of male dwarves completely outnumbers the female dwarves. Out of the 48,270 only 4,250 are females which is only about 8.8% of the dwarf population in Dwarvenmark.



THE HOLIDAY

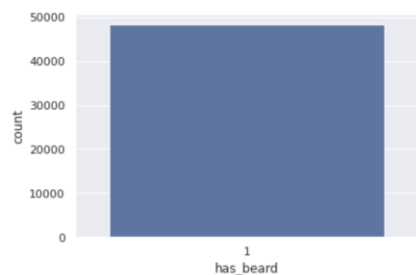


June 25 is a very important day in Dwarvenmark, why ? Because it is about half of the population's birthdays, now I understand why they are pushing to make it a holiday!

THE BEARD SITUATION

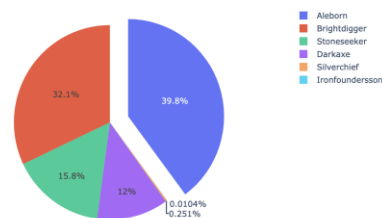
THE PROBLEM

All the population of Dwarvenmark has beard .



THE SOLUTION

I have found that all females have the same surname, all 4,250 females are Aleborns.



BRACELET IN COLOR

Bracelet for dwarves with last name Aleborns.





THE CHIEF ASTRONOME

Maybe Clan Chief Astrologer was onto something when he said that dwarves born in June are sensitive and caring, or he just thinks that most dwarves he knows are sensitive and caring given that being born in July isn't too specific in Dwarvenmark.

SUMMARY

Darf the dwarf's gut feeling was correct in a few things, for example based on my findings while using my cömp-û-trrr thing I was able to conclude that the reason there are not too many baby dwarves is because the number of male dwarves completely outnumbers the female dwarves. Out of the 48,270 only 4,250 are females which is only about 8.8% of the dwarf population in Dwarvenmark.

Darf the dwarf was onto something with a few things, for example going off of his gut feeling again I discovered that June 25 is a very important day in Dwarvenmark, why ? Because it is about half of the population's birthdays, now I understand why they are pushing to make it a holiday! Maybe Clan Chief Astrologer was onto something when he said that dwarves born in June are sensitive and caring, or he just thinks that most dwarves he knows are sensitive and caring given that being born in July isn't too specific in Dwarvenmark. Should he be executed for being too vague? Maybe.

Another reason why there aren't too many babies could be because of how hard it is to distinguish males from females, my solution ? Bracelets ! I have found that all females have the same surname, all 4,250 females are Aleborns. That should definitely narrow things down for any dwarf bachelor.

In conclusion the new major definitely has a lot of work on his hands with Dwarvenmark but nothing data can't solve!



THANK YOU

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