

TASK 2

Lefteris Ntafotis Kontogiannis-csd4423:

Statement of your general topic area: Machine Learning and AI

Primary audience → Board Partners and Executives

Secondary audience → Managers and Senior Employees

Relationship with audience → Colleagues and Employer

Purpose of document → Inform and propose a direction

Intended use of document → Solve problems and expand the reach of the company

Information needs → Basic understanding of what Machine Learning and Neural Networks are

Technical background → Adequate knowledge in the field

Cultural considerations → Direct explanation and informative content

Probable questions

- Why should the company focus resources in ML/NN and AI?
- How could this be marketed?
- What are some possible implementations that the average consumer would benefit from?

Probable reaction → Reserved stance from executives, maybe slightly apprehensive

Length and detail → Short and Concise

Format and medium → Meeting room presentation

Tone → Formal, confident and to the point

Due time and timing → The sooner the better

Budget → Mostly developer work hours, an adequate amount.

The reason the company should focus resources in Machine Learning and AI is clear. Almost every aspect of modern life uses some amount of computing, or can be improved upon with it. AI gives a more premium feel to the latest smartphone potentially increasing profit margins, it can be used to make vehicles entirely autonomous, help fix pending world problems like viruses with protein folding and cure testing algorithms, and help with pretty much every other part of life. In the enterprise scope, Machine Learning can also help with Data Compression and running complex simulations saving great amounts of storage and computing power to data centers who would surely become early adopters of such technology (thus the payout would be swift). The reason this needs to be addressed as soon as possible is because many major corporations (a great example being Nvidia and ARM) are quickly becoming aware of the importance of AI and ML, and since this technology is in its infancy it is advancing at an exponential rate.

Mike Bastakis (csd4406):

Statement of your general topic area → Data Scraping

Primary audience → Michael Mathioudakis, Big Data Professor at MIT

Secondary audience → Data Analysts, Undergraduate Students, Postgraduate Students

Relationship with audience → Seniors, classmates, professors

Purpose of document → Inform

Intended use of document → Study and analyze

Information needs → Basic knowledge of data

Technical background → Adequate knowledge in the field

Cultural considerations → Very detailed

Probable questions

- What is Data Scraping?
- Why is Data Scraping important?
- How can Data Scraping provide a source of income?

Probable reaction → Approval

Length and detail → Compact and Insightful

Format and medium → Web Email

Tone → Informative

Due time and timing → As soon as possible

Budget → No budget needed

I'm sending an informative email to my professor Michael Mathioudakis who teaches Big Data to students on MIT College. This email will also be read by other people in the field such as Undergraduate Students like myself, Post Graduate Students and big data analysts. This mail will make a brief introduction to the field of Data Scraping. My initial goal is to go in depth and give advice and information for this relatively new field of computer science. Some frequently asked questions that will surely be answered in this email is "What exactly is Data Scraping", "Why is it important" and "How it can provide a source of income". I expect the readers of this email will be very pleased and will approve all the research I have done. There is no deadline but I expect them to read it as soon as possible so they can study this field and see how beneficial it can be. There is no budget needed just a computer that can do basic operations and a lot of time for debugging.

Kalozimis Manos csd4502:

Statement of your general topic area: Aggressive dogs in village roads

Primary audience → Shepherds who are Dog Owners, Hikers, Cyclists, Off-Road Runners

Secondary audience → The State, Locals, Police, Rescue Teams

Relationship with audience → Fellow Cyclist

Purpose of document → Instruct and Inform

Intended use of document → Solve a problem and make roads safer

Information needs → Multiple dire situations have happened

Technical background → Layperson who has encountered this issue

Cultural considerations → Direct and Detailed

Probable questions:

- How are we supposed to train the dogs?
- Is there a way to get out of such situations unharmed?
- Which routes are known to have packs of dogs on the way?

Probable reaction → Anger, Resistance

Length and detail → Comprehensive

Format and medium → Web posting

Tone → Confident

Due time and timing → As soon as possible

Budget → Less than 300 euros per farm

Hiking, cycling and off road running is what most of us, nature enthusiasts, like to do in their free time. Nothing is more exciting than exercising in a forest while going through your favorite route! However, in some places this has become extremely dangerous. My personal experience is taking place near Lake Himaditida but many people have shared something similar.

As I was cycling through the dirt road, a pack of dogs cut me over. Barking, running and growling, they surrounded me, viciously anticipating for the perfect opportunity to take me down. I have never been more scared in my life. These were not wild dogs, thankfully, they were domestic of some shepherds who lived 200 meters from there. I kept shouting “Isiha rei” so I could establish dominance in the dogs’ minds in order to try to scare them off. After 1 minute of screaming (that seemed like a decade) the owners showed up and only then did the dogs calm down. They kept insisting that the dogs were harmless and they wouldn’t hurt me in any case, blatant lies.

So why am I telling you all this? Well there are several reasons. First of all, it is to inform all of my fellow runners, cyclists and hikers that you need to be careful, going in groups of two or more should keep you safer than going alone. Always be prepared to scare off the dogs, especially if they grossly outnumber you and seem unfriendly. Secondly, it is to instruct the farmers that have this many canines to finally train them. Dogs are lovely creatures but if they are not properly disciplined they can be a public threat. Trainers give massive discounts when it comes to big groups of shepherd dogs so money should not be an issue for anyone. Last but not least, ignorant shepherds who cause trouble for anyone who passes by and do not try to resolve the situation should be punished by law, this is unacceptable. I hope my message goes through and some of you can help us make these roads safer.

Until next time, stay safe everyone, keep loving nature!