

Cyberspace and global security

Dangers and Challenges

Ireneusz Korpusik,

MSc in Data Science, Supervisor: Dr Greg Doyle

INTRODUCTION

Cybersecurity has become one of the most frequently discussed security topics. States, international organisations and other non-state actors have come to understand that the stability of the functioning and development of the global information society depends on an open, trustworthy and above all secure cyberspace.

METHODOLOGY

- Data will be scrapped and cleaned from dataset
- I'll be using Python, Mongo DB and Atlas

TECHNOLOGY



CONTACT

Ireneusz Korpusik
 Email: i.korpusik@gmail.com

Global Cybercrime Damage Costs:

- **\$6 Trillion USD a Year.***
- **\$500 Billion a Month.**
- **\$115.4 Billion a Week.**
- **\$16.4 Billion a Day.**
- **\$684.9 Million an Hour.**
- **\$11.4 Million a Minute.**
- **\$190,000 a Second.**

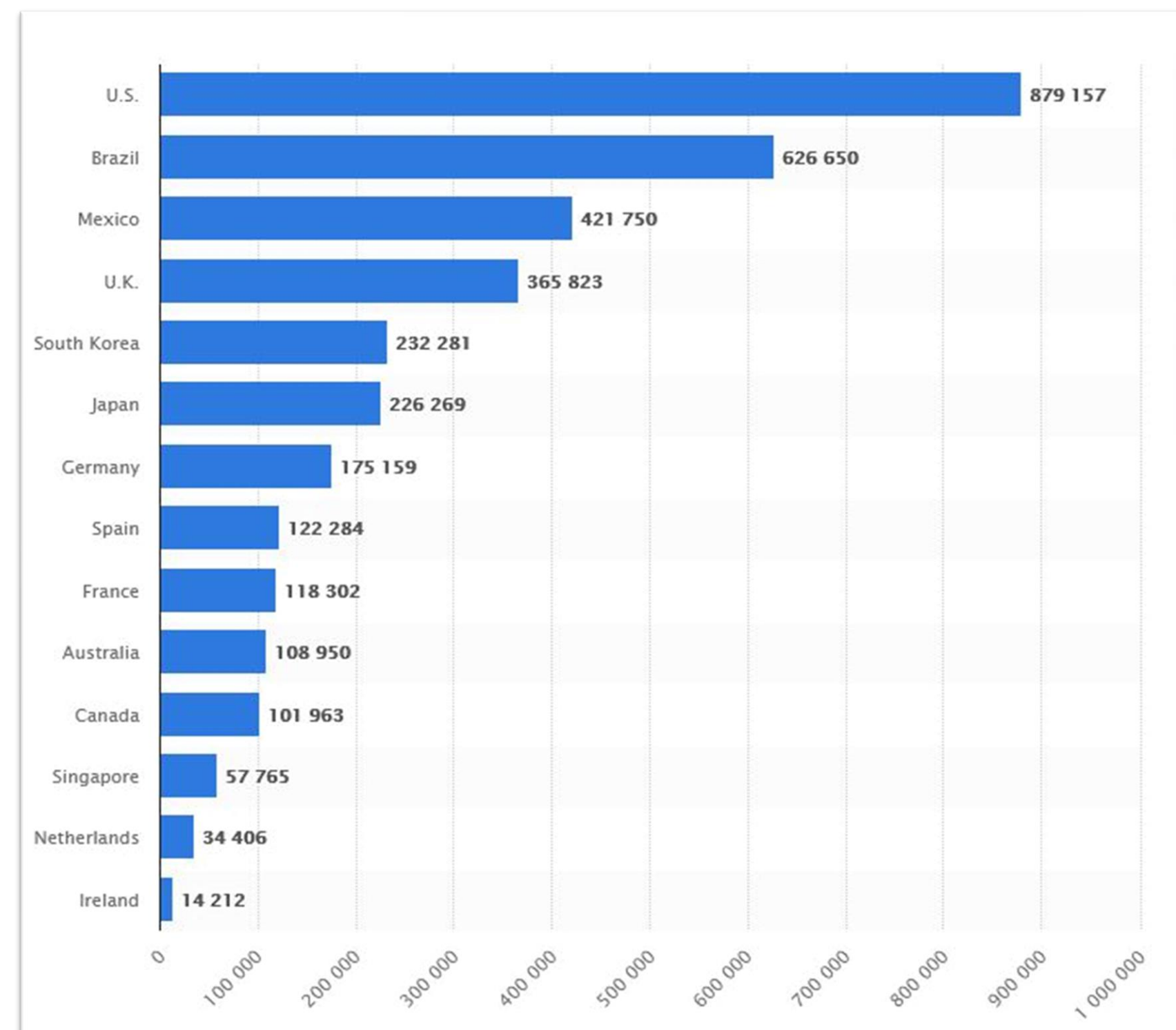


ALL FIGURES ARE PREDICTED BY 2021

* SOURCE: CYBERSECURITY VENTURES



Pic 1. Cybercrime To Cost The World \$10.5 Trillion Annually By 2025



Pic 2. Number of cybersecurity professionals worldwide 2020, by country



RESEARCH QUESTIONS

- Is my password secure?
- Are there possible actions to take to be prepared and protected for cyberattacks?
- Are your websites well protected?
- Do you know how to recognise a trusted website?

CONCLUSION

Every company should be aware of the various cyber attacks. My data compilation will not be complete as there are new cybercrime incidents every day. I would like to make people aware of existing threats. In my work I would like to focus on a more detailed analysis and breakdown of cyber threats.

REFERENCES

1. Pic 1. Cybercrime Magazine. 2021. *Cybercrime To Cost The World \$10.5 Trillion Annually By 2025*. [online] Available at: <<https://cybersecurityventures.com/cybercrime-damages-6-trillion-by-2021/>>
2. Pic 2. Liu, S., 2020. *Cybersecurity workforce estimate by country 2020* | Statista. [online] Statista. Available at: <<https://www.statista.com/statistics/1172449/worldwide-cybersecurity-workforce/>>
3. Leyden, J., 2020. *Network Hacking And Ransomware Fueling Global Cybercrime Surge*. [online] The Daily Swig | Cybersecurity news and views. Available at: <<https://portswigger.net/daily-swig/network-hacking-and-ransomware-fueling-global-cybercrime-surge>>