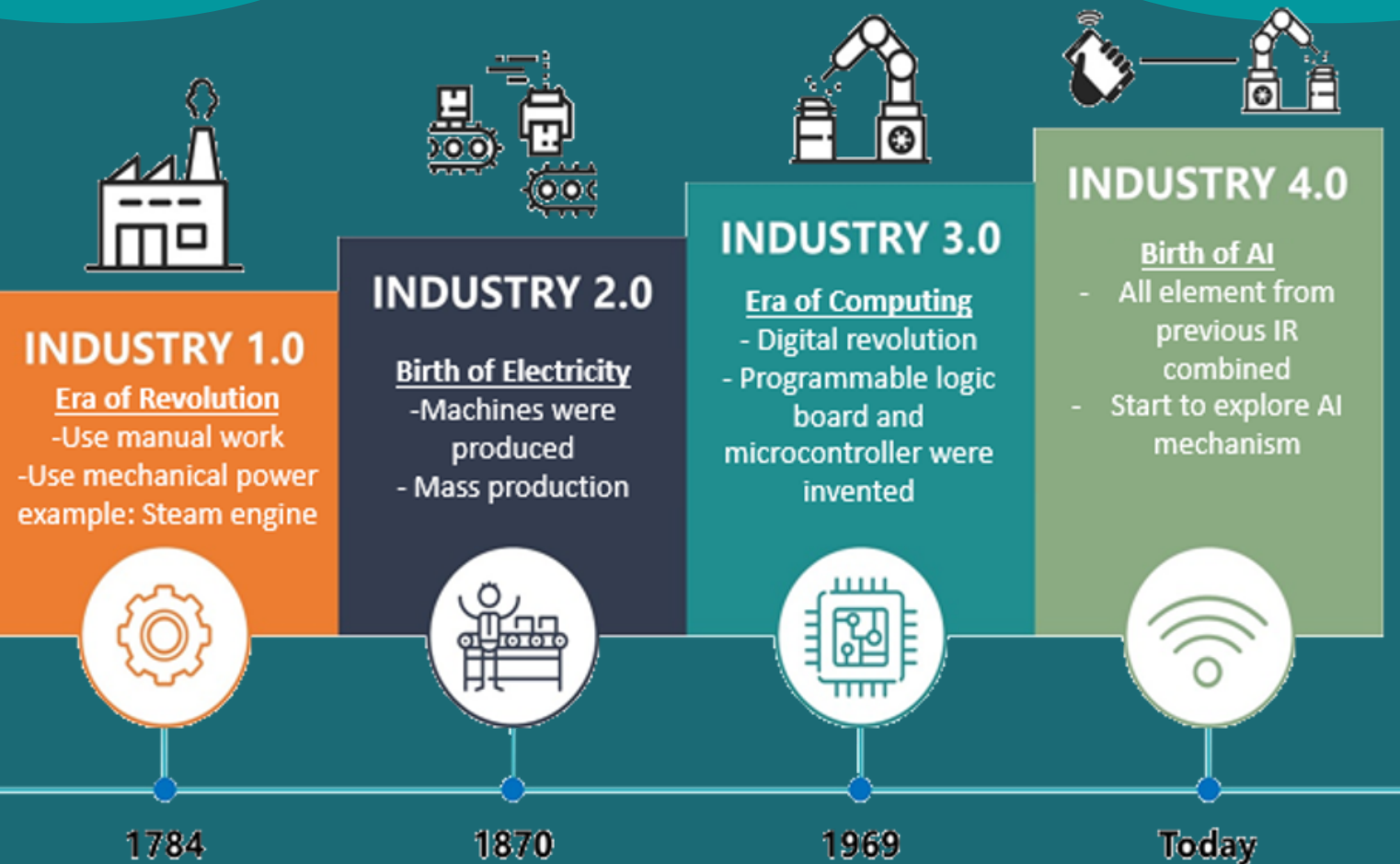


IR 4.0

PAST, PRESENT, FUTURE

INTRODUCTION



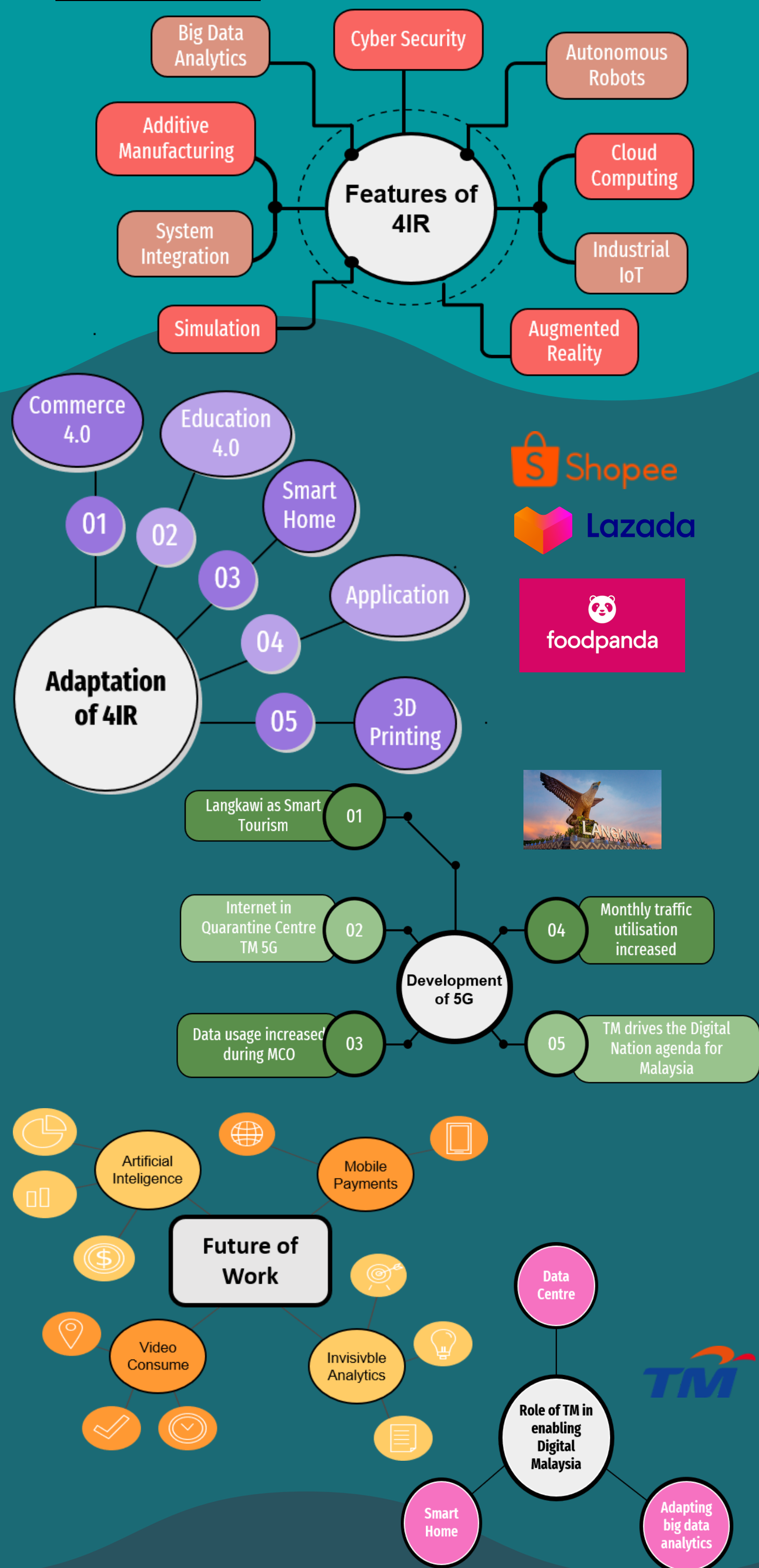
EXECUTIVE SUMMARY

5G network is complementary in speeding up the adaptability of Industry Revolution 4.0. There 3 major roles of the 5G network.

- supports the massive connection of devices, IoT and sensors
- high-speed bandwidth, enabling it to reach media application such as the virtual reality (VR)
- has minimal delay in networking which allows real-time remote surgery such as autonomous car and smart homes.

Although the technology is advancing at a fast rate, there is definitely much contradiction of the way forward in IR 4.0, especially how it will affect our lifestyles.

CONTENT



REFLECTION

- ➔ Through the industrial talk, we have gained knowledge regarding the past, present and future technologies along with four industrial revolutions. Overall, industrial revolutions have improved the world with new inventions and advancement of new technologies. This talk has broadened our mind about the revolution of technologies with time. We are fortunate enough to live this era of technological convenience as mundane tasks are just one click away.
- ➔ We are currently in progress with the industrial revolution of 4.0, as the impact of the internet and digitization are becoming more significant. Experts expect IR 4.0 to create an integrated world, therefore addressing social issues and making developments more inclusive as well as empathetic. Interestingly, we noticed that Artificial Intelligence (AI) and the Internet plays an important role in fulfilling IR 4.0. We also learned that numerous smart devices are implying IR 4.0 features. The importance of IR 4.0 to build and maintain businesses, together with enterprises in the 21st century needs to be acknowledged. Furthermore, in this talk, we are introduced to the initiatives of TM to speed up the development of IR 4.0 in our country. In our opinion, the fast development of the 5G network and the database technology that Malaysia acquires today are impressive.
- ➔ In conclusion, we cherish all technology convenience as well as admire the people who have invented these technologies for a better living. Lastly, as students, we think that developing new skills in technologies and artificial intelligence(AI) contributes to the digital development of IR 4.0 in Malaysia for a better future.