Cyber Security Sector Challenges

Data Security

Challenges faced by different sectors

- Different business sectors will face different cyber security challenges. Different sectors will hold different data; some will be more valuable and vulnerable to attack than others.
- Financial institutions hold data about people's finances, but retail will also store this, and they may be less protected.
- The nuclear and energy sector could become a target for cyber-terrorism. They must have defences in place to be protected against these types of attack. Government bodies may be targeted by hacktivists who disagree with Government policy and want to cause disruption.
- It is the responsibility of all businesses, whether they be small, medium or large, to ensure that they protect the data they store and prevent cyber-crime.

Different sectors and business examples

Sector	Businesses	Companies
Health	Hospitals, Dentists, Clinics	NHS, Bupa, others
Defence	Army, Navy, Air Force	BAE, BMT Ltd, Boeing
Public Sector	Local councils, Tax, Police	HMRC, Police Scotland
Utilities	Gas, Water, Electric, Nuclear	Scottish Gas, Water, EDF
Industry	Oil, Construction, Agriculture	BP, Balfour Beatty, LS
Education	Schools, Colleges, University	Strathclyde Uni, WCS
Financial	Banks, Finances, Accountants	RBS, Clydesdale, Santander
Retail	Shops, E-commerce, Cars	Tesco, Asda, Amazon, Ebay

Task

- Now do Task 14