



Working in Tech



**WHAT SORT OF PERSON
WORKS IN TECH?**



Starter

Activity

Think about the following questions

- What kind of people do IT jobs?
- Where might they work?
- What sort of companies or industries would they work in?

Activity

Discuss what you think with the rest of the class.



What is an attribute or trait?

This is a quality or characteristic that belongs to someone and makes up their personality.

Character traits are often shown with descriptive adjectives, like **patient**, **assertive**, **cheerful** or **jealous**.



Personality Traits and Attributes

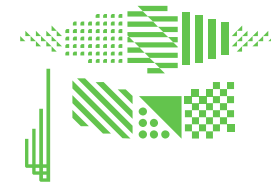
- Detailed
- Likes to analyse data
- Creative/innovative
- Variety-seeking
- Achievement-oriented
- Talkative
- Socially confident
- Structured, methodical
- Perfectionist
- Likes to analyse people
- Optimistic/positive
- Unstructured, spontaneous

Activity

Which of these attributes and personality traits would suit someone in a **Tech Job**?

Discuss with the person next to you.
Do you both agree?

Feedback to class.



Task Job adverts

Activity

You have been given a job advert.
In pairs discuss what you think the job title is and what type of company the job is for.

Extension activity

What would you need to do to be employed in this job?
What skills/attributes would you need?



Summary

Certain jobs suit certain people more than others – but often our assumptions about what those jobs might be for us, can be limiting. It's worth exploring different jobs within a career and seeing what appeals to you.

Also our assumptions about what jobs exist

in different career choices can be very limited. We may not have expected to see jobs in fashion advertised as a tech career. It's worth looking into career options and the jobs available to see what options there are for you.

Activity

Write down one personality trait that you have that would help you get a tech career.



**WHERE DO TECH PEOPLE
WORK?**



Starter

Industries

What do we mean by industries and sectors?

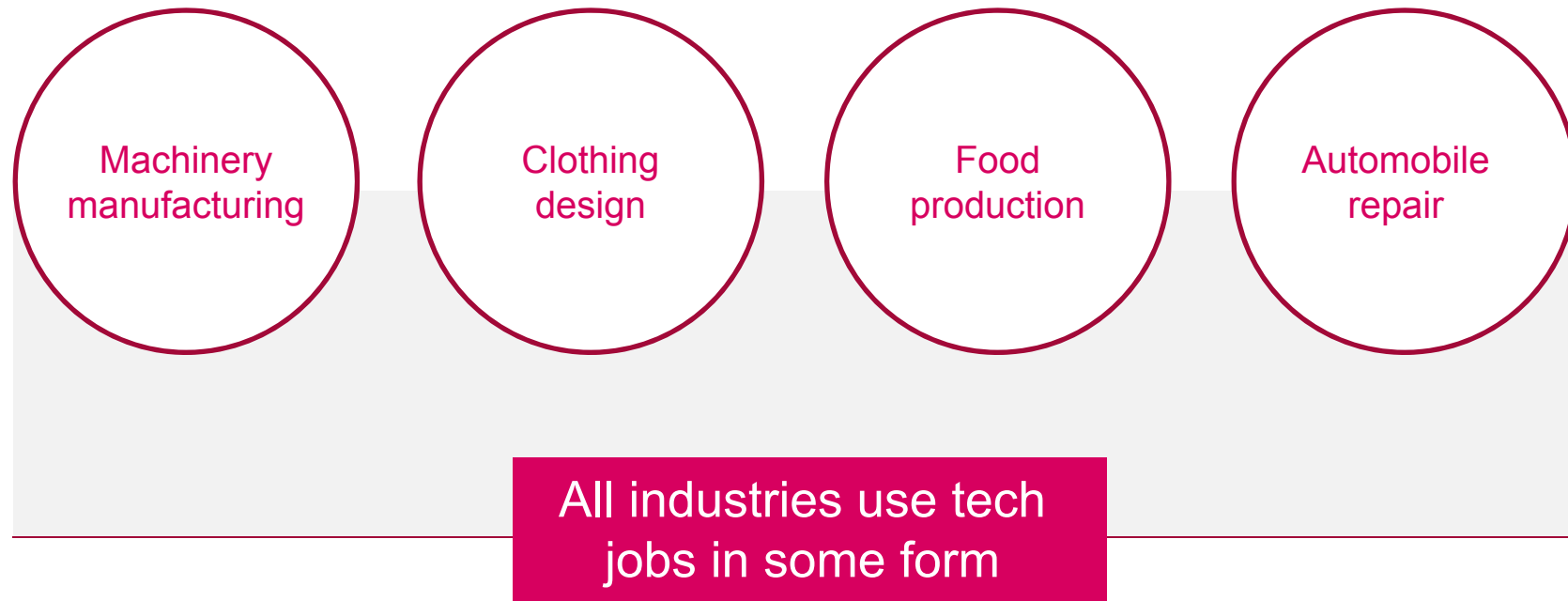
Sectors

Can you think of some industries and sectors that would include IT jobs?



What do we mean by industries and sectors?

This is a way of defining what type of business a company is involved in. Examples include:



Activity

Activity

In teams, choose an organisation and decide how many different tech jobs you think could be employed in the organisation and what they would do.



Organisations



Chelsea Football
Club



Oxfam



Lloyds Bank



McDonald's



Google



Sainsbury's



National Rail



Virgin Airlines



Nike



H&M



Topshop



Example job titles



Applications
Developer



Data Analyst



Games Developer



Hardware
Engineer



IT Project
Manager



IT Technical
Support Officer



Penetration Tester



Software Engineer



Systems Analyst



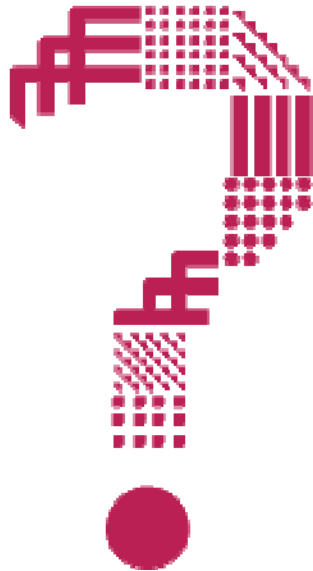
Technical Architect



Website
Developer



What is an Applications Developer?

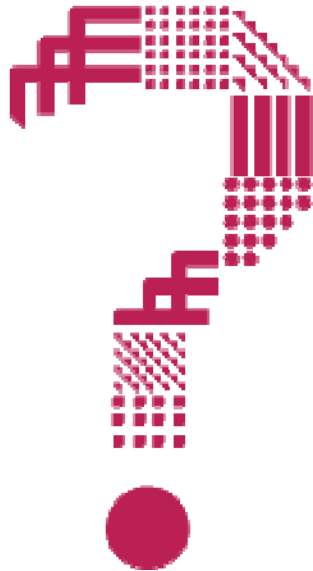


Applications Developers convert software requirements into workable programming code, and maintain and develop programs specific to development fields, such as: mobile phone applications, accounting software, office suites or graphics software.

Applications, or 'apps', can be written for a particular system, such as: Windows or Android, or across numerous platforms, including computers and mobile devices.



What is a Data Analyst?

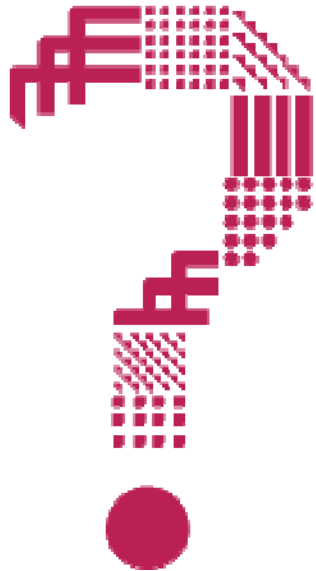


A Data Analyst is someone who collects and analyses data so that a company or companies can use it to perfect their marketing, insurance, political and/or business practices.

The Data Analyst is a highly trained professional who performs the analysis, running various mathematical calculations to determine how the data samples might best be applied to profit the business.



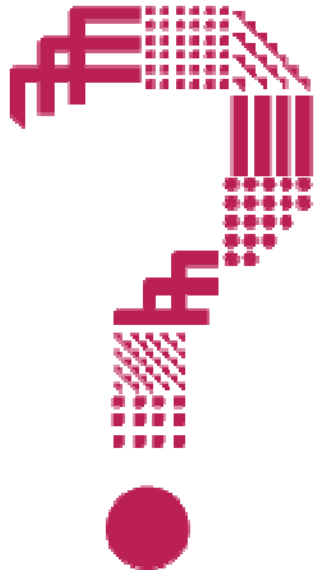
What is a Hardware Engineer?



Computer Hardware Engineers design and develop computers and the computerised parts of other appliances such as computer chips, circuit boards, displays, sensors, keyboards, modems, printers and test equipment.



What is an IT Technical Support Officer?



IT Technical Support Officers monitor and maintain the computer systems and networks of an organisation.

They may install and configure computer systems, diagnose hardware and software faults and solve technical and applications problems, either over the phone or in person.

Depending on the size of the organisation, a Technical Support Officer's role may span one or more areas of expertise.



Plenary

What would people in the below roles do in the sectors?

Roles

Applications Developer
Data Analyst
Games Developer
Hardware Engineer
IT Project Manager
IT Technical Support Officer
Penetration Tester
Software Engineer
Systems Analyst
Technical Architect
Website Developer

Sectors

Football Club
Finance
Clothing Label
Music Label
Telecoms company
Energy Provider
Not for Profit
High Street Retailer
Glastonbury Festival

