

In module 4 I learned how to do data management. What is essential to data management. What is the different between data vs information vs knowledge. Data is facts concerning people, object, vents or other entities. Databases store data. Information is data presented in a form suitable for interpretation. Knowledge is insight into appropriate actions based on interpreted data. Here I will list why it is important to do management of data. First and most important to increase efficiency, share and reuse of that data, controlled redundancy, productivity, data independence. Web development is the building and maintenance of websites; it's the work that happens behind the scenes to make a website look great, work fast and perform well with a seamless user experience. Web developers, or 'devs', do this by using a variety of coding languages. The languages they use depends on the types of tasks they are preforming and the platforms on which they are working.

Web development skills are in high demand worldwide and well paid too – making development a great career option. It is one of the easiest accessible higher paid fields as you do not need a traditional university degree to become qualified. The field of web development is generally broken down into front-end (the user-facing side) and back-end (the server side). Let's delve into the details. What you see and what you use, such as the visual aspect of the website, the drop down menus and the text, are all brought together by the front-end dev, who writes a series of programmes to bind and structure the elements, make them look good and add interactivity. These programmes are run through a browser.