* 1)**What is Data Science?**

1. Data science is the study of data to extract meaningful insights for business. Is a multidisciplinary approach that combines principles and practices from the fields of mathematics, statistics artificial intelligence, and computer engineering to analyse large amount of data.

**2)Importance of statistics in Data Science?**

* It enables you to see trends in any data easily; It enables you to analyse the data effectively.
* It enables you to reach better and more accurate conclusions.

**3)what is the Data engineering?**

* Data Engineering helps make data more useful and accessible for customers.
* To do so, ate engineering must source, transform and analyse data from each system.

**4) What is Data visualization?**

* In our increasingly data driven world, it’s more important than ever to have accessible ways to view and understand data.
* After all, the demand for data skills in employees is steadily increasing each year.

**5)** **What is Data cleaning?**

* Data cleaning is the process of fixing or removing incorrect,currepted, incorrectly formatted, duplicate or incompete data within a data set.
* If data is incorrect, outcomes and algorithms are unreliable even though they may look correct.

**6) What is python and why we use it?**

* Python is a computer programming language often used to build websites and software, automate tasks, and conduct data analysis.
* Python is a general-purpose language meaning it can be used to create a variety of different programs and isn’t specialized for any specific problems.

**7) What is Data in statistics?**

* Data are measurements or observations that are collected as a source of information.
* There area variety of different types of data and different ways to represent the data.

**8) what are statistics?**

* Statistics is the branch of mathematics for collecting analysing and interpreting data.
* Statistics can be used to predict the future determine the probability that a specific event will happen.

**9) what is mathematics?**

* Mathematics is the science that deals with the logic of shape quantity and arrangement.
* Mathematics is all around us in everything we do.

**10) what is computer science?**

* A computer science is the study of computers and computational systems.
* Unlike electrical and computer engineers computer scientist.

**11) what is programming language?**

* A programming language is a way for programmers to communicate with computers.
* Programming languages consists of a set of rules that allows string values to be converted into various ways of generation machine code.