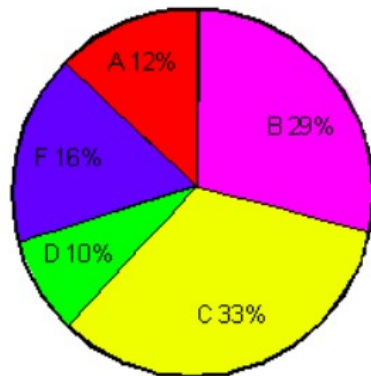


**Pie
Chart**

A pie chart is a circular statistical graphic which is divided into slices to illustrate numerical proportion. The arc length of each slice, is proportional to the quantity it represents. Let us understand it with an example:



This represents a pie graph showing the results of an exam. Each grade is denoted by a “slice”. The total of the percentages is equal to 100. The total of the arc measures is equal to 360 degrees. So 12% students got A grade, 29% got B, and so on.

Pig

Pig is a high level scripting language that is used with Apache Hadoop. Pig enables data workers to write complex data transformations without knowing Java. Pig is complete, so one can do all required data manipulations in Apache Hadoop with Pig. Through the User Defined Functions(UDF) facility in Pig, Pig can invoke code in many languages like JRuby, Jython and Java.

Key features of Pig:

- It is able to store data at any point during a pipeline.
- It declares execution plans.
- Supports pipeline splits, thus allowing workflows to proceed along DAGs instead of strictly sequential pipelines.
- Users can create their own functions to do special-purpose processing.