Part2

**Load/Store Functions**

Load/store functions determine how data goes into Pig and comes out of Pig. Pig provides a set of built-in load/store functions, described in the sections below. You can also write your own load/store functions.

### Handling Compression

Support for compression is determined by the load/store function. PigStorage and TextLoader support gzip and bzip compression for both read (load) and write (store). BinStorage does not support compression.

### BinStorage

Loads and stores data in machine-readable format.

BinStorage works with data that is represented on disk in machine-readable format.

BinStorage supports multiple locations (files, directories, globs) as input.

### JsonLoader, JsonStorage

Load or store JSON data.

Use JsonLoader to load JSON data.

Use JsonStorage to store JSON data.

Note that there is no concept of delimit in JsonLoader or JsonStorage. The data is encoded in standard JSON format. JsonLoader optionally takes a schema as the construct argument.

### PigDump

Stores data in UTF-8 format.

PigDump stores data as tuples in human-readable UTF-8 format.

### PigStorage

Loads and stores data as structured text files.

### TextLoader

Loads unstructured data in UTF-8 format.

### HBaseStorage

Loads and stores data from an HBase table.

### AvroStorage

Loads and stores data from Avro files.

### TrevniStorage

Loads and stores data from Trevni files.