**Q1. What are the three Vs in Big Data?**

Ans: The three Vs in the Big Data are:

1. volume: it refers to the amount of data.
2. variety: it refers to the number of types of data.
3. velocity: it refers to the speed of data processing.

**Q2: Using Hadoop show the distribution of 5 blocks in a system of 5 Racks and 6 slots each rack. B1, B2, B3, B4, B5, B6**

Ans:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Rack1** | **Rack2** | **Rack3** | **Rack4** | **Rack5** | **Rack6** |
| B1 | B1 |  | B4 | B4 |  |
|  | B1 |  |  | B4 |  |
|  | B2 | B2 |  | B5 | B5 |
|  |  | B2 |  |  | B5 |
| B6 |  | B3 | B3 |  | B6 |
| B6 |  |  | B3 |  |  |