## 1 Amazon EMR ( Elastic Map Reduce) :-

O Managed cludes Matform that simplifies ranning of Rig down framework. Cordinali 7 6/10 Madoop
Core down framework. Master Rimany Node :- Pis

Master Rimany Node :- Pis

Alot Gove of task or spark rades Pretime

Strate

Strate

The task of the system

Strate date (HDFS) 4

The task of task of the task of 3 Tack Node: - fur the task. Ais we store any dote.

## JARN ( yet proshes lesource Desottetos

1) stell the AWS EMR to Allecate the Resources (E) Coordinte & Schedule Fark among themode of the choten

Cluster Resource Manager Mange the Christer & Scheduly

Distributed processy. Process Huge Amout of Date. Hadoop?

Sparks- Distributed Processing Rom of RAME Cache Many It bit costline with deadwood. Caster oxompred - Goaler of

~ 1 . Cost -> sport Im Ance.

Adv. of EMR & D low Cost -> spot Im Ance. 2) Scaletility > Scaletin & scale out Tritegration with other Alus Service: Ecurity: Amazon EMX integrate with Ams They for accent Control Spark: - OT istituted Processing 1 Row on the RAM/ Cache memory O Driver Appe Run mande shigh level for Execute faste

(3) Chroter managers Manage Resource of the A Distributed Storage's Amazon S3, Afarba Cossandioa, HOFS