

# Architecture

spark cluster architecture

## Spark course 101

1. Why a cluster manager is needed for Spark?

1 point

*Mark only one oval.*

- ☐ Not needed. It can be used to optimize execution but the system will work without it as well.
- ☐ It allocates executors to worker nodes and handles starting and completing an application
- ☐ it is part of the spark processing: Since spark is distributed system, it can run only on a cluster with at least 4 computers

2. Which clustering modes are supported by Spark?

1 point

*Tick all that apply.*

- ☐ client mode
- ☐ differential mode
- ☐ cluster mode
- ☐ standalone mode

3. Who is responsible to terminate the executor processes?

1 point

*Mark only one oval.*

- ☐ Spark Driver
- ☐ CM driver
- ☐ the executor itself

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