

Ans 1:

Five challenges and risk:

1. Challenges of connecting with people so that they work interruptly
2. Risk of market failure
3. Risk of reducing the clients
4. Risk to employees to leave the job
5. Challenge to getting fundings

Five skills

1. Have a good planning
2. Have a good Negotiating skill
3. Skill to handle the supplier
4. Skills to manage the works in such a way that employees get flexible working hour, and work is also un progress.

Ans 2.

Technology: TESLA (One of the best company which using the AI and building the Self driving electric cars, being one of the biggest revolution in motor car industry.

Cost: SpaceX (One of the company which focused on building spacecraft which can be reusable, and it'll reduce the cost of space research)

Schedule: Flipcart (A best company in my oponioun, which delivers the products with the exact scheduled time, and if somehow it gets late, they give a proper reason of that)

Customer Relationships: Jio (It started by giving a internet data a lowest cost, and build a relationship over the country, and now it is one of the biggest company n telcom industry.

Ans 3:

There are several differences between project-driven and non-project-driven organizations, including:

1. Project-driven organizations adopt either fully projectized or matrix organizational structures, whereas, Non-project-driven organizations usually adopt a functional organizational structure.
2. Project-driven organizations make the lion's share of their income through projects, whereas, non-project-driven organizations mainly make their income through production.
3. The Project Manager is responsible for the profitability and loss in project-driven organizations whereas in non-project-driven organizations, the responsibility for profitability and loss is ambiguous.
4. Project-driven organizations are mature and respected. On the other hand, in non-project-driven organizations, is still in its infancy, and is often looked at with skepticism.
5. Project-driven organizations adopt either fully projectized or matrix organizational structures, whereas, whereas non-project-driven organizations usually adopt a functional organizational structure.

Ans 4: The project we'll be working on is from a Deep Learning domain, named **Neuro-symbolic AI**.

Neuro-symbolic AI is something that gives machines that power of common sense, machines can answer the questions asked against the visuals that they see.

E.g, let's say there is an image in which there's a boy standing on a bus stop, there's a bus left to the boy and a tree right to the boy. So, after giving this image to the machine, you can ask questions like: "How many objects are there?", "Which side of the boy is the tree?", "Is the color of objects left to the boy is the same as the color of objects right to the boy?"

So using Neuro-symbolic AI and other Algorithmic structure, machines would be able to answer those questions. This is a broad domain of research, so we'll be working on this technology to propose some tuned algorithms, which can show impactful changes compared to some of the published work.