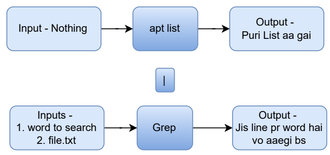
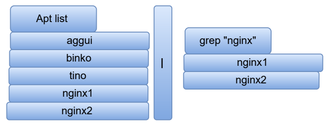
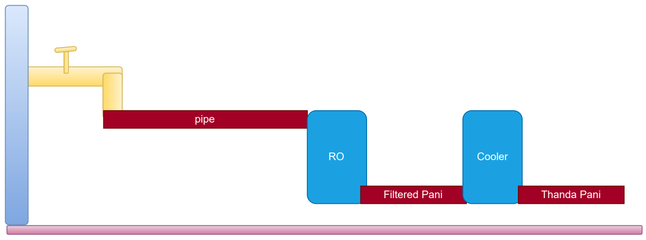






Killercoda ka machine toh bs 40 min ka hai?

Website chalane ke lie permanent computer lana pdega

90 Lakh

On Prem

AC

Bitcoin

Server 1 - Dell/HP	1600 Watt
Server 2	1600 Watt
Server 3	1600 Watt
Server 4	1600 Watt
Server 5	1600 Watt
Server 6	
Server 7	
Server 8	

Rack

Power Room

Batteries | Batteries

Batteries

20 KW Inverter

Every Cloud have different data center, at different locations across the world.

Cloud / HyperScalers

Azure, GCP and AWS are just ecommerce companies.

Azure — Billions Of Dollar

GCP

AWS

portal.azure.com

Ek website ko chalane ke lie kya best practices honi chahiye

Ek ghar ko banane ke lie kya best practices honi chahiye

1. Security

2. Monitoring

3. Backup

4. Disaster Recovery

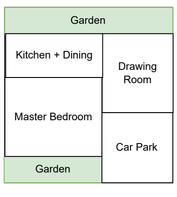
5. Cost Optimisation

6. Govenance and Compliance

7. Foundation Building and Networking

8. Highly Available and Scalable

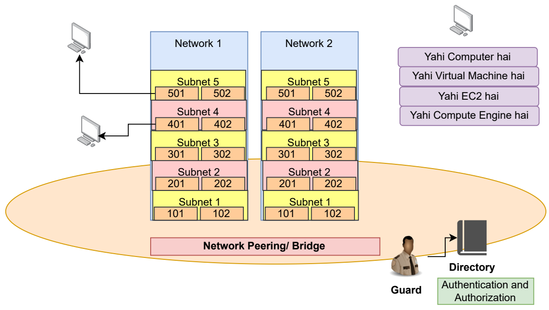
High Level Design (HLD)



Low Level Design (LLD)

Kitna Balu? Kitna Cement? Kitna Eit?

Computer



Yahi Computer hai

Yahi Virtual Machine hai

Yahi EC2 hai

Yahi Compute Engine hai

Authentication and Authorization

Koi bhi 3 Tier website chalate hai jiske upr me frontend, backend aur database hota hai...

Yaha pr computer bnega website ke according

Ye jo computer ki baate kar rahe hai, usi ke properly setup krne ko landing zone bolte hai..

Iska pura design application architect, ya enterprise architect deta hai..

Target

portal.azure.com se computer kharina sikhenge

Microsoft ki Dukan

Manual
Zero Value

Automation

Imperative

Powershell | CLI

Declarative

ARM | Bicep | Terraform | Cloud Formation

Terraform ek infra banane ka tool hai jiske through hum azure, aws, gcp cloud se alg alg services kharid de hai hum automation ke through.