VERITAS

Veritas Uconnect Hackathon 2023

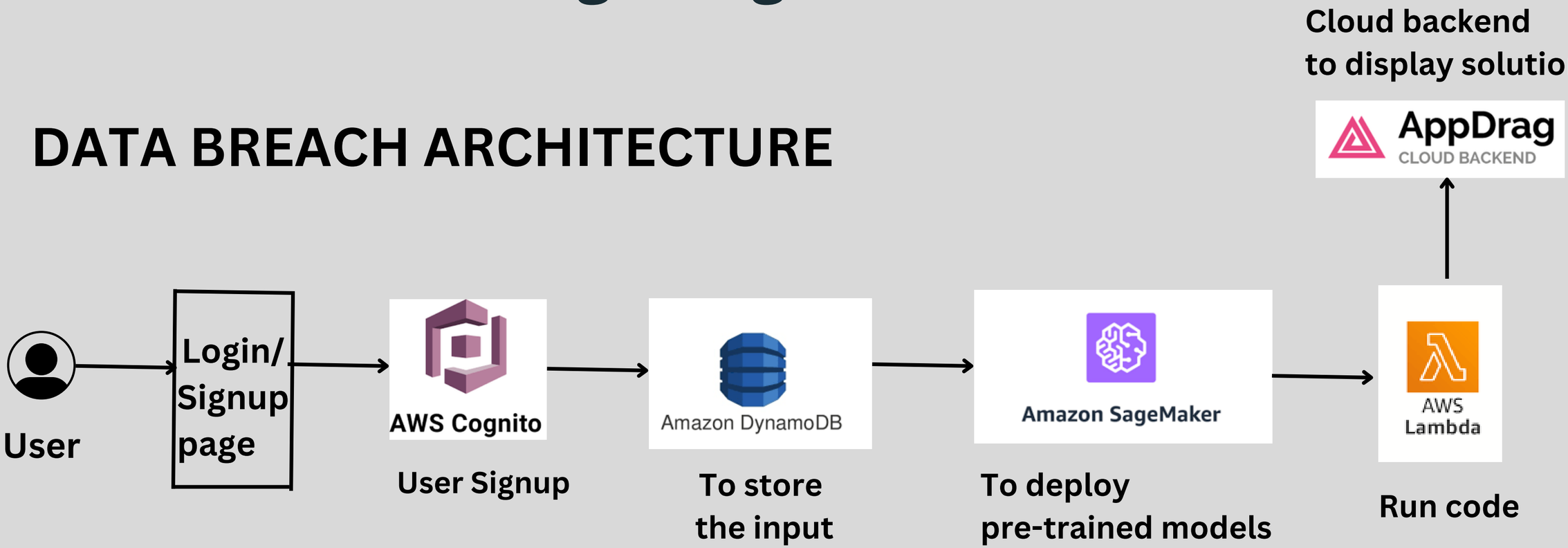
Business case slide

IDEA DESCRIPTION	
Problem statement	Data protection of cloud architecture and Risk analysis
Solution benefits	Easy detection of the possible data breach. Statistical analysis of most probable attacks for the particular architecture.

Key points

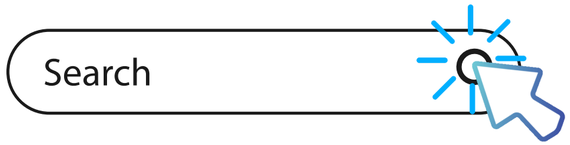
- Every business architecture along with the services used, would be taken as input.
- Based on the analysis, chances of the architecture getting attacked with respective percentage would be displayed.
- Based on the chances, a solution will be provided to add-on or remove the cloud services and cost per service would be displayed.

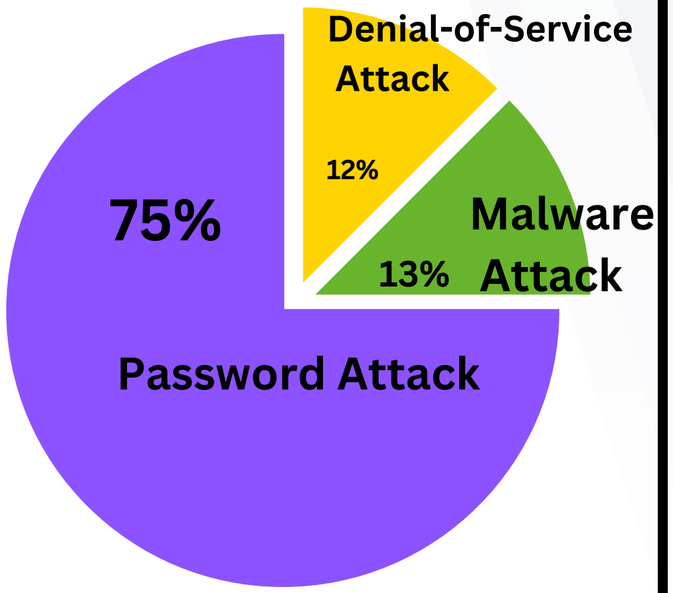
Architecture / Design diagram



Architecture / Design diagram

Services used





Solution for the problem is

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Future scope

- The current architecture can be improved by providing solutions using a recommendation system.
- Improving the accuracy of the model would be the prime focus for future versions of the website.
- An option to choose between different cloud providers would make the website more inclusive.

Q & A

1. What would the site architecture contain?

Ans. It would contain statistics indicating the risk of data getting leaked and the types of attacks and a solution would be provided based on the same.

2. How is the solution provided?

Ans. The solution would be provided with the service to be added or removed, further cost per service would be displayed along with the documentation links.

3. How would the site display the attacks?

Ans. Based on the analysis and models being trained at the backend, the site would display statistical information on the types of the attacks prone to the architecture.

Q & A

4. How would the solution minimize the attacks or data leaks?

Ans. Provided Solution would work based on statistical analysis and implementing those would solve the problem of the data breach.

5. How would the website work?

Ans. Based on the services used, a statistical analysis would be displayed regarding how prone the architecture is to attack and the types of attack. Further, a solution would be provided for the same with add-ons or removals of services along with the cost and documentation links.

Team photo

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