

TATA Motors case study | Cloud computing case study -1

Details :

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Why did Tata Motors need cloud?

AWS helped Tata Motors in the following ways :

- Being in pace with the IT needs in the coming ages, AWS helps Tata being in the forefront of IT in the Automotive industry.
- Reduce infrastructure setup, being a non IT based company, Avoiding this helps greatly.
- Moreover, cloud helps reducing maintainanance and procurment of licenses

What worked wonderfully with cloud?

- Moving to cloud helped Tata motors experiment with what they wanted to deliver to their customer. One such product is fleet managment
- Fleet owners can track all their vehicles seamlessly.
- When lauching new products, they can quickly scale up the needed resources.
- Quote : "We no longer have to worry about capacity while starting something new."

Read more at:

<https://economictimes.indiatimes.com/how-cloud-computing-is-helping-tata-motors-deliver-and-service-vehicles-faster/articleshow/47234905.cms?>

[utm_source=contentofinterest&utm_medium=text&utm_campaign=cpps_t](https://economictimes.indiatimes.com/how-cloud-computing-is-helping-tata-motors-deliver-and-service-vehicles-faster/articleshow/47234905.cms?utm_source=contentofinterest&utm_medium=text&utm_campaign=cpps_t)

- Time to market is greatly reduced not having to worry about infrastructure any more.

Why was AWS chosen?

- The customer centric nature of AWS helped greatly in the onboarding of Tata motors IT team.
- Moreover, during the time of this project AWS seems to have been the most mature player in the cloud space.
- AWS further allows them to innovate without dead weight.

What was the scope of the project and Project details?

- Scope of the project using AWS was initially :
 - Implementing it's Telematic systems
 - Tata motors built parts planning system to predict spares requirements.
- Quote from the CIO for the upcoming scopes of AWS :

"We also offer customers direct access into our systems through self-service portals. Technology and the cloud serve as the backbone in providing the best customer experience. Our customer portals running on AWS cloud include Loyalty Portal, Key Accounts Portal and Telematics Portal among others."

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Dealer management system using OCI

- TATA aims to modernise their DMS which at the time of transition was having 60k active users.
- Switching to OCI helped faster data reporting and accesses.
- Using
- Dealer Management System, the organisation is able to more effectively monitor sales performance and improve collaboration across its dealer network.
- TATA aims to deliver better customer experience.
- TATA now moving into the EV era it is pivotal in managing capacity and spare parts, while serving as a unified platform for customer feedback.