



# SAAS tool w/ Federated Learning

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# Project Description

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- Data sharing is important in many businesses to improve AI models.
- Yet many organizations find it risky to share data with their competitors.
  - Privacy issues.
  - Similar in medical industry
- Apply Federated Learning to solve this problem.
  - Use additional data which was not previously accessible and create a model which is more powerful with less computation.
- Create a SAAS tool with FL in either medical, finance or retail industry.



# Project Deliverables

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- A SAAS tool which will allow the users to create their account.
- A prediction model with Federated Learning in either
  - Medical
  - Retail
  - Finance industry.
- A SAAS tool which provides the relevant result based on the input data.



# Project Dependencies and Concerns

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- To find relevant dataset.
- The data available is very less and hence hampers the model from reaching accuracy
- Data privacy and sharing could also be a concern
- Team members with different backgrounds.
- Remotely Located team.