

## **Statement of Research Interest**

Machine Learning is one of the trendy topic. I think there are a lot of places to work with machine learning. Machine learning is important because it allows companies to understand trends in customer behavior and business operating models, and supports the development of new products. Many leading companies today, such as Facebook, Google, and Uber, use machine learning as a core part of their operations. Machine learning has become an important competitive advantage for many companies.

Today, machine learning is employed in an exceedingly wide selection of applications. Maybe one in all the foremost well-known samples of machine learning in action is that the recommendation engine that powers Facebook's news feed.

Facebook uses machine learning to personalize however every member's feed is delivered. If a member oft stops to scan a selected group's posts, the advice engine can begin to point out a lot of that group's activity earlier within the feed.

Behind the scenes, the engine is making an attempt to bolster renowned patterns within the member's on-line behavior. Ought to the member amendment patterns and fail to scan posts from that cluster within the coming back weeks, the news feed can change consequently.

So I want to work with machine learning.