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# SEMINAR ABSTRACT

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Machine Learning with AWS Sagemaker



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## Seminar Abstract

### Machine Learning with AWS SageMaker

#### **Abstract:**

Machine Learning is the new era nowadays where machines are used to learn more things in more advance and complex manner which people with their mind cannot accomplish. ML opens a new world of technology with very less error percentage when trained with appropriate data.

On the other hand training datasets for the machine to learn is a very difficult and expensive task to accomplish. This is where the sage maker comes into help where provides a web-based visual interface to easily build your models in the Python language. We can also analyse and visualize data for ML in the R language with elastic compute resources in RStudio on SageMaker, the first fully managed RStudio Workbench in the cloud.

Sagemaker automatically with-it dedicated cloud systems selects the best algorithm for prediction and automatically trains the data with ML models without any loss in visibility or control.

This cloud technology helps reduce cost by almost 70 percentage which really helps faster growth in the field of machine learning which is technological advancement.

Using SageMaker high quality models can be trained in a very efficient and really faster way with the help of cloud. There are built in debuggers and profilers which helps in easily identifying the errors and performance before pushing in the actual trained data into the real world.

Easy deployment into production helps the data to be more trained and the business to have a well established concrete foundation to the business.

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