

## DAILY ASSESSMENT FORMAT

Date:	14/07/2020	Name:	Shashank S P
Course:	Coursera : Mathematics for Machine Learning	USN:	4AL18EC048
Topic:	• Vectors	Semester & Section:	4 <sup>th</sup> sem 'A' section.
Github Repository:	Shashank -sp		

### FORENOON SESSION DETAILS

In today's session I have learnt about:

- The sorts of things we can do with vectors, their modulus or magnitude.
- The way to combine vectors together to get a number called the dot product.
- It will take us on to find the scalar and vector projections.
- The vectors that we use to define the space, the basis vectors, and a linear independence and linear combinations, and that will wrap up module two.
- We've looked at vectors as being objects that describe where we are in space which could be a physical space, a space of data, or a parameter space of the parameters of a function.
- Vector doesn't really matter. It's just some space.
- Then we've defined vector addition and scaling a vector by a number, making it bigger or reversing its direction.
- Then we've gone on to find the magnitude or modulus of a vector, and the dot scalar and vector projection product.
- We've defined the basis of a vector space, its dimension, and the ideas of linear independence and linear combinations.
- We have used projections to look at one case of changes from one basis to another, for the case where the new basis is Orthogonal.



Date:	14/07/2020	Name:	Shashank S P
Course:	Salesforce	USN:	4AL18EC048
Topic:	Trailhead Playground	Semester & Section:	4 <sup>th</sup> sem 'A' section
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### AFTERNOON SESSION DETAILS

In today's session I have learnt about:

- Create a Trailhead Playground

- What is trailhead playground?

A Trailhead Playground is an org you can use to complete hands on challenges, and try out new features and customizations.

- What is the difference between a trailhead playground and the developer edition org?

A DE org is an org that we provide for free to test new features and implementations in Salesforce without affecting a production org and A Trailhead Playground is like a DE org, but specifically for Trailhead.

- How to create our first trailhead playground.

- Get Your Trailhead Playground Username and Password

- Connect, disconnect, or rename your Trailhead Playgrounds

Once we are a seasoned Trailhead user, we might have more than one Trailhead Playground. Say we are completing a super badges, for example, and we want to start clean in a new org. Or maybe we have an existing Developer Edition org that we want to connect to our Trailhead

account. We can connect, disconnect, or rename your Trailhead Playground to keep our self organized.

- **Install Apps and Packages in Your Trailhead Playground**

- **What is an App?**

Salesforce has a community of partners that use the flexibility of the Salesforce platform to build amazing apps and other solutions that anyone can use. These offerings are available (some for free, some at a cost) for installation.

- **What is an Package?**

A package is a set of pre-created configurations and developments. At various points in your Trailhead learning journey, you may need to install a package in order to complete a challenge or work through the steps in a badge.

- **How to install an App or Package on the Trailhead Playground.**

