

## **DAILY ASSESSMENT FORMAT**

|                          |   |                                |                                    |  |  |
|--------------------------|---|--------------------------------|------------------------------------|--|--|
| <b>Date:</b>             | <b>14-07-2020</b>   | <b>Name:</b>                   | <b>BINDUSHRI</b>                   |  |  |
| <b>Course:</b>           | <b>Mathematics for machine learning:linear algebra (coursera)</b> | <b>USN:</b>                    | <b>4AL17EC011</b>                  |  |  |
| <b>Topic:</b>            | <b>Week-3</b>   | <b>Semester &amp; Section:</b> | <b>6<sup>th</sup> sem&amp;Asec</b> |  |  |
| <b>Github repository</b> | <b>Bindushri</b>  |                                |                                    |  |  |

## FORENOON SESSION DETAILS (9.00am to 1.00pm)

coursera

Imperial College  
London



Explore ▾

What do you want to learn?



Bindushri ▾

Mathematics for Machine Learning: Linear Algebra > Week 3 > Types of matrix transformation

Prev | Next

### Introduction to matrices

#### Matrices in linear algebra: operating on vectors

✓ Video: How matrices transform space  
5 min

✓ Video: Types of matrix transformation  
8 min

✓ Video: Composition or combination of matrix transformations  
8 min

📝 Practice Quiz: Using matrices to make transformations  
6 questions

### Matrix Inverses

#### Special matrices and Coding up some matrix operations

### Types of matrix transformation



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English ▾

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### Notes

🔗 All notes



Click the "Save Note" button when you want to capture a screen. You can also highlight and save lines from the transcript below. Add your own notes to anything you've captured.

coursea.org/learn/linear-algebra-machine-learning/.../using-matrices-to-make-transformati...



week-3

Matrices, vectors.

$e_1 = \begin{bmatrix} 2 \\ 10 \end{bmatrix}$   
 $e_2 = \begin{bmatrix} 0 \\ 1 \end{bmatrix}$   
 $\hat{e}_1 = \begin{bmatrix} 3 \\ 1 \end{bmatrix}$

$$\begin{bmatrix} 2 & 3 \\ 10 & 1 \end{bmatrix} \begin{bmatrix} a \\ b \end{bmatrix} = \begin{bmatrix} 8 \\ 13 \end{bmatrix}$$

$$A \quad r = r'$$

$$A(nr) = r'$$

$$A(r+s) = Ar + As$$



## AFTERNOON SESSION DETAILS(2.00pm to 5.00pm)

Platform Development Basics > Get Started with the Salesforce Platform ▾

### Meet the Salesforce Platform

At Salesforce, we group our services by clouds. There's Sales Cloud for CRM, Service Cloud for customer support, and a handful of other clouds that help companies support their business functions. And while each of these clouds serves a unique purpose, there's one thing they all have in common: the power of the Salesforce platform.

What is the Salesforce platform, exactly?

Like any platform, the Salesforce platform is a group of technologies that supports the development of other technologies on top of it. What makes it unique is that the platform supports not only all the Salesforce clouds, but it also supports custom functionality built by our customers and partners. This functionality ranges from simple page layouts to full-scale applications.

If you're here today, we're assuming you know a bit about software development. Throughout this module, we're going to give you an overview of development on the Salesforce platform. We talk about some of the pillars of Salesforce development and how they work together to create a robust system. We even touch on some common questions that developers new to the platform run into as they get started.

Before we continue, let's make sure we're on the same page. If you're brand new to Salesforce and you haven't completed the [Salesforce Platform Basics module](#), we suggest you do that before you keep reading.

Once you're done with that, you're ready to get started!

### Platform Building Blocks

As we mentioned, the platform not only forms the foundation of core Salesforce products like Sales Cloud and Service Cloud, but it also lets you build your own functionality. Building your own functionality can mean customizing existing Salesforce offerings or it can mean building something from scratch.

#### Time Estimate

🕒 About 15 mins

#### Topics

Learning Objectives

**Meet the Salesforce Platform**

Platform Building Blocks

The DreamHouse App

Install the DreamHouse App

Resources

Challenge

+500 points

? Question, feedback or help

Salesforce -14/07/2020

Objective :-

- Define Salesforce platform
- Describe the kinds of apps you can build with the platform
- Install the Dreamhouse app

Salesforce:- Like any platform, the Salesforce platform is a group of technologies that ~~detect~~ supports the development of other technologies on top of it.

Introduction to Salesforce.

Sales force is not just a CRM. It stores a data (customer data), gives you power to nurture prospective customer and provides ways to collaborate with people you work with.

Dreamhouse Realty:- Known for their fresh approach to real estate, Dream house uses Salesforce to connect their employees & improve the efficiency of home sale

