

# DAILY ASSESSMENT FORMAT

Date:	15 JULY 2020	Name:	HARSHITHA H
Course:	Mathematics for Machine Learning: Linear Algebra	USN:	4AL18EC020
Topic:	Week 3	Semester & Section:	IV SEM & A SECTION
Github Repository:	harshithah		

## FORENOON SESSION DETAILS

### Image of session

The image displays three screenshots from the Coursera interface, showing the progression of a course on Linear Algebra for Machine Learning.

**Top Screenshot: Using matrices to make transformations**  
 This is a practice quiz titled "Using matrices to make transformations" with a duration of 30 minutes. The left sidebar lists video topics: "How matrices transform space" (5 min), "Types of matrix transformation" (8 min), "Composition or combination of matrix transformations" (8 min), and the current quiz "Using matrices to make transformations" (6 questions). The main area shows a "Submit your assignment" button, a "Receive grade" section with a grade of 83.33% (passing at 80% or higher), and a "View Feedback" button. The bottom navigation bar shows the course path: "Mathematics for Machine Learning: Linear Algebra > Week 3 > Using matrices to make transformations".

**Middle Screenshot: Solving linear equations using the inverse matrix**  
 This is another practice quiz titled "Solving linear equations using the inverse matrix" with a duration of 30 minutes. The left sidebar lists video topics: "Solving the apples and bananas problem: Gaussian elimination" (8 min), "Going from Gaussian elimination to finding the inverse matrix" (8 min), and the current quiz "Solving linear equations using the inverse matrix" (8 questions). The main area shows a "Submit your assignment" button, a "Receive grade" section with a grade of 92.85% (passing at 80% or higher), and a "View Feedback" button. The bottom navigation bar shows the course path: "Mathematics for Machine Learning: Linear Algebra > Week 3 > Solving linear equations using the inverse matrix".

**Bottom Screenshot: Programming Assignment: Identifying special matrices**  
 This is a programming assignment titled "Identifying special matrices" worth 10/10 points. The left sidebar lists video topics: "Determinants and inverses" (10 min), "Identifying special matrices" (1h), "Summary" (59 sec), and the current assignment "Identifying special matrices" (30 min). The main area shows a "Deadline" of August 3, 2:59 PM +08, and an "Instructions" section that says: "Open the notebook item in this module. Follow the instructions there and submit from inside the notebook. You can use this page once complete to check your score." There is also a "How to submit" box with instructions on uploading files. The bottom navigation bar shows the course path: "Mathematics for Machine Learning: Linear Algebra > Week 3 > Identifying special matrices".

Report –

## **MATHEMATICS FOR MACHINE LEARNING:** **LINEAR ALGEBRA**

### **WEEK 3**

- **Matrices, vectors and simultaneous equation**
- **Types of matrix transformation**
- **Composition or combination of matrix transformations**
- **Gaussian elimination**
- **Using Gaussian elimination to find inverse matrix**
- **Determinants and inverses**
- **Summary**

<b>Date:</b> 15 JULY 2020	<b>Name:</b> HARSHITHA H
<b>Course:</b> Salesforce (Developer)	<b>USN:</b> 4AL18EC020
<b>Topic:</b> Javascript Dev I cert prep	<b>Semester &amp; Section:</b> IV SEM & A SECTION

### AFTERNOON SESSION DETAILS

#### Image of session

The screenshot shows the Salesforce Trailhead interface. At the top, there's a search bar and navigation links: Home, Learn, Credentials, Community, For Companies, and COVID-19. The user's profile, Harshitha Poojary, is visible with 6 badges and 1,150 points. A blue banner indicates the completion of a module, awarding +300 points. The module title is 'JavaScript Dev I Cert Prep: Variables, Collections, Functions, Classes'. Below the title, it says 'Use scenarios and interactive flashcards to study for the JavaScript certification exam.' and 'Completed 7/13/20'. A list of tasks is shown, all marked as completed with green checkmarks:

- Get Started with Salesforce JavaScript Developer I Certification Prep (~10 mins)
- Explore Variables, Types, and Collections (~10 mins)
- Review Objects, Functions, and Classes

#### REPORT:

- Variables
- Types of variable
- Collections
- Objects
- Functions
- Classes