**DAILY ASSESSMENT FORMAT**

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| **Date:** | **16/07/2020** | **Name:** | **PRIYA P RAO** |
| **Course:** | **Mathematics for Machine Learning** | **USN:** | **4AL18EC041** |
| **Topic:** | * **Linear Algebra** | **Semester & Section:** | **4th sem ‘A’ section.** |
| **Github Repository:** | **Priya-Rao** |  |  |

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| **FORENOON SESSION DETAILS** |
| **Image of session**  **C:\Users\Pawan\Desktop\zz.PNG** |
| **In today’s session I have learnt about:**  **Key Concepts:**   * **Identify matrices as operators** * **Relate the transformation matrix to a set of new basis vectors** * **Formulate code for mappings based on these transformation matrices** * **Write code to find an orthonormal basis set computationally**   **Summary:** Matrices as objects that map one vector onto another; all the types of matrices  * **[Einstein summation convention and the symmetry of the dot product](https://www.coursera.org/learn/linear-algebra-machine-learning/lecture/kI0DB/introduction-einstein-summation-convention-and-the-symmetry-of-the-dot-product)** * **[Non-square matrix multiplication](https://www.coursera.org/learn/linear-algebra-machine-learning/quiz/RZXq3/non-square-matrix-multiplication)** * **[Example: Using non-square matrices to do a projection](https://www.coursera.org/learn/linear-algebra-machine-learning/quiz/GYaMz/example-using-non-square-matrices-to-do-a-projection)**  Matrices transform into the new basis vector set:  * **[Matrices changing basis](https://www.coursera.org/learn/linear-algebra-machine-learning/lecture/q8iik/matrices-changing-basis)** * **[Doing a transformation in a changed basis](https://www.coursera.org/learn/linear-algebra-machine-learning/lecture/Dk7MB/doing-a-transformation-in-a-changed-basis)**  Making Multiple Mappings, deciding if these are reversible:  * **[Orthogonal matrices](https://www.coursera.org/learn/linear-algebra-machine-learning/lecture/uYJRz/orthogonal-matrices)**  Recognizing mapping matrices and applying these to data:  * **[The Gram–Schmidt process](https://www.coursera.org/learn/linear-algebra-machine-learning/lecture/28C1t/the-gram-schmidt-process)** * **[Gram-Schmidt process](https://www.coursera.org/learn/linear-algebra-machine-learning/notebook/DdvVk/gram-schmidt-process)** * **[Reflecting in a plane](https://www.coursera.org/learn/linear-algebra-machine-learning/lecture/oXE0Y/example-reflecting-in-a-plane)** * **[Reflecting Bear](https://www.coursera.org/learn/linear-algebra-machine-learning/notebook/Kd7ZX/reflecting-bear)** * **[Programming Assignment: Gram-Schmidt Process](https://www.coursera.org/learn/linear-algebra-machine-learning/programming/FNk8v/gram-schmidt-process)** * **[Programming Assignment: Reflecting Bear](https://www.coursera.org/learn/linear-algebra-machine-learning/programming/IAKuU/reflecting-bear)** |

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| **Date:** | **16/07/2020** | **Name:** | **PRIYA P RAO** |
| **Course:** | **Salesforce: Career Development Planning** | **USN:** | **4AL18EC041** |
| **Topic:** | * [**Assess Yourself**](https://trailhead.salesforce.com/en/content/learn/modules/career-development-planning/assess-yourself?trail_id=skill-up-for-the-future-with-trailhead) * [**Explore Career Options**](https://trailhead.salesforce.com/en/content/learn/modules/career-development-planning/explore-career-options?trail_id=skill-up-for-the-future-with-trailhead) * **Create a plan and skill up** * [**Land Your Next Opportunity**](https://trailhead.salesforce.com/en/content/learn/modules/career-development-planning/land-your-next-opportunity?trail_id=skill-up-for-the-future-with-trailhead) | **Semester & Section:** | **4th sem ‘A’ section** |
| **Github Repository:** | **Priya-Rao** |  |  |

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| **AFTERNOON SESSION DETAILS** |
| **Image of session**  **C:\Users\Pawan\Desktop\zzz.PNG** |
| **In today’s session I have learnt about:**   * [**Assess Yourself**](https://trailhead.salesforce.com/en/content/learn/modules/career-development-planning/assess-yourself?trail_id=skill-up-for-the-future-with-trailhead)**:** * **List the steps for creating a career plan.** * **Identify your unique strengths, skills, and talents and what’s important to you.** * **Describe the different elements of self-assessment.** * [**Explore Career Options**](https://trailhead.salesforce.com/en/content/learn/modules/career-development-planning/explore-career-options?trail_id=skill-up-for-the-future-with-trailhead)**:** * **Describe the different job roles within the Salesforce ecosystem.** * **Research potential career options that align to your interests.** * **Identify skills and requirements for your target career goal.** * **Create a plan and skill up:** * **Identify resources to skill up for your next Salesforce role.** * **Learn how to get connected to the Salesforce community.** * **Create an action plan for preparing for your next role.** * [**Land Your Next Opportunity**](https://trailhead.salesforce.com/en/content/learn/modules/career-development-planning/land-your-next-opportunity?trail_id=skill-up-for-the-future-with-trailhead)**:** * **Prepare for interviewing by creating your elevator pitch.** * **Create your Salesforce resume and profile. Connect with employers.** |