DAILY ASSESSMENT FORMAT

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| **Date:** | **14/07/2020** | **Name:** | **Namratha S Hipparagi** |
| **Course:** | **Coursera** | **USN:** | **4AL16EC040** |
| **Topic:** | **Mathematics of machine learning-Linear algebra** | **Semester & Section:** | **8 A** |
| **Github Repository:** | **namrathahipparagi\_1** |  |  |

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| **Image of the session** |
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| **Report** **Distributive, associative & communicative** **Basic matrix behavior:**  Image for post  As shown in the last equation, matrices are **not commutable**. **Transpose** By convention, a vector **x** is written as a column vector. Here are the transposes of a vector and a matrix.  Image for post  **Properties**  Image for post  A matrix is **symmetric** if A = Aᵀ. It is called **antisymmetric** (skew-symmetric) if A = -Aᵀ. Inner Product The **inner product** ⟨a, b⟩ (or a・b) is a scalar function. The inner product for two vectors is defined as:  Image for post  The transpose of any scalar value equals itself. You will see the following manipulation in many machine learning papers.  Image for post  A unit vector is a vector with a unit length.  Image for post  The angle between the two vectors u and v is  Image for post  Vectors obey the following inequality  Image for post |

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| **Date:** | **14/7/2020** | **Name:** | **Namratha S Hipparagi** | |
| **Course:** | **Salesforce** | **USN:** | **4al16ec040** | |
| **Topic:** | **Install a package** | **Semester & Section:** | **8 A** | |
| **AFTERNOON SESSION DETAILS** | | | |
| **Report**  **Get Your Trailhead Playground Username and Password**  Most of the time, you won’t need to know the username and password of your Trailhead Playground. When a Trailhead Playground is linked to your Trailhead account, you can launch it with the click of a button, without logging in to it. You don’t even need to choose a username or fill out any information to create a new Trailhead Playground. You do need your username and password every once in a while, however. For example, if you’re authorizing your org for use with the Salesforce Command-Line Interface (CLI), or signing into it on your phone to see how something looks on mobile.  In most Trailhead Playgrounds, it’s easy to reset your password. First, launch your Trailhead Playground by clicking Launch from any hands-on challenge. If you see a tab in your playground that says Get Your Login Credentials, great! Follow the steps in the Your Playground Has the Playground Starter App section below.  If not, click to launch the App Launcher, then click Playground Starter and keep reading. If you don’t see the Playground Starter app, that’s OK—skip to the Your Playground Doesn’t Have the Playground Starter App section.  **Connect, Disconnect, or Rename a Trailhead Playground**  Once you’re a seasoned Trailhead user, you might have more than one Trailhead Playground. Say you’re completing a superbadge, for example, and you want to start clean in a new org. Or maybe you have an existing Developer Edition org that you want to connect to your Trailhead account. From any hands-on challenge or project step, click the dropdown and click Manage my hands-on orgs. From here, click the next to one of your Trailhead Playgrounds to rename it, or the to disconnect it. To connect a Trailhead Playground or Developer Edition org, click Connect an org. | | | |