**DAILY ASSESSMENT FORMAT**

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| **Date:** | **17-07-2020** | **Name:** | **Rohan Shetty** |
| **Course:** | **coursera** | **USN:** | **4AL17EC079** |
| **Topic:** | **Mathematics for machine learning:Linear Algebra** | **Semester & Section:** | **6th &‘B’** |
| **GitHub Repository:** | **rohan-shetty-online-courses** |  |  |

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| **FORENOON SESSION DETAILS** |
| **Image of session**  C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Screenshot (601).png  C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Screenshot (602).png  Eigenvectors are particular vectors that are unrotated by a transformation matrix, and eigenvalues are the amount by which the eigenvectors are stretched.  These special 'eigen-things' are very useful in linear algebra and will let us examine Google's famous PageRank algorithm for presenting web search results.  **Key Concepts**   * Identify geometrically what an eigenvector/value is * Apply mathematical formulation in simple cases * Build an intuition of larger dimention eigensystems * Write code to solve a large dimentional eigen problem |
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