

Morning Session.

1-JULY-2020

Sindhu S

Mathematics for Machine

4AL18ECOA-9

Linear Algebra

4<sup>th</sup> Sem, 'A' Sec

Eigenvalues and Eigenvectors:

Application to data problems

Eigenvectors are particular vectors that are unrotated by transformation matrix and eigenvalues are amount by which the eigenvectors are stretched

→ what are eigen things

→ what are eigen values and eigen vectors

→ selecting eigenvectors by inspection

getting into the detail of eigen problems

→ special eigen-cases

→ calculating eigenvectors

→ characteristic polynomial, eigenvalues and eigenvectors

when changing to the eigenbasis is really useful



- changing to the eigenbasis
- eigenbasis examples
- diagonalisation & applications.
- diagonalising Matrix & eigen

- Making page Rank algorithm.

- Introduction to page Rank.

- Eigenvalues and eigenvectors

- wrap up of this linear algebra course.

- post course survey.



Afternoon session:-

7-JULY-2020

Sindhu.S

Salesforce (Trailhead)

AA118ECO49

4th Sem, 'A' Section

Trailblazer Mentorship for Mentees

→ Learning Mentoring fundamentals  
→ Explore the Mentoring life cycle.

Learned topics:-

1. Identify the four stages of the mentoring life cycle.
  2. Inventory your strengths, development needs and characteristics to prepare for mentorship.
  3. List expectations, ground rules and goals to discuss with your mentor.
  4. Identify activities and tools to help you cultivate your mentoring relationship.
  5. Evaluate the success of your mentoring relationship.
- Prepare → Cultivate  
→ Initiate  
→ Evaluate

→ Mentoring agreement Template to guide you through this process. This agreement outlines priorities, areas of focus, measurements of success, and meeting expectations.

→ Gain hands-on Experience and join the Community.

Learned topics:-

1. Best ways to get hands-on experience to build your resume.
2. Describe how connecting to the Trailblazer Community helps you in your career journey.
3. Share your story as a mentee.