Digital Talent Scholarship 2022

Math For Machine Learning - PCA

Lead a sprint through the Machine Learning Track

Agenda

- Orthogonal

Are your students ML-ready?

Recap

Intro to Projection

Introduction to projections | Matrix transformations | Linear Algebra | Khan Academy - YouTube

Projection in 1D Subspace

[Projections onto subspaces | Linear Algebra | Khan Academy - YouTube](#)

[3.1.3 - Example: projection onto 1D subspaces - [PCA by Imperial College London] - YouTube](#)

[Introduction to the Course - YouTube](#)

[A projection onto a subspace is a linear transformation | Linear Algebra | Khan Academy - YouTube](#)

[Subspace projection matrix example | Linear Algebra | Khan Academy - YouTube](#)

Demo

Orthogonal

Q & A

Thank You