3 Courses

Linear Algebra: Linear Systems and Matrix Equations

Linear Algebra: Matrix Algebra, Determinants, & Eigenvectors

Linear Algebra: Orthogonality and Diagonalization

May 15, 2024

SANDIPAN DEY

has successfully completed the online, non-credit Specialization

Linear Algebra from Elementary to Advanced

In this Linear Algebra Specialization, learners developed and honed essential skills to analyze systems of linear functions, linear transformations and their matrix representations, and the theory of eigenvalues and eigenvectors to diagonalize matrices. The specialization also focused on using the language of linear algebra in examples, applications, and theorems. Students were introduced to the notion of proofs in this specialization to help with logical reasoning skills. Students completed projects that focused on applications to mathematical modelling. This included Markov Chains and Google PageRank Algorithm.

Joseph Cutrone, PhD, MBA

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