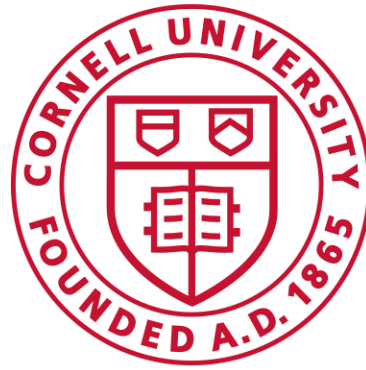


Cornell University



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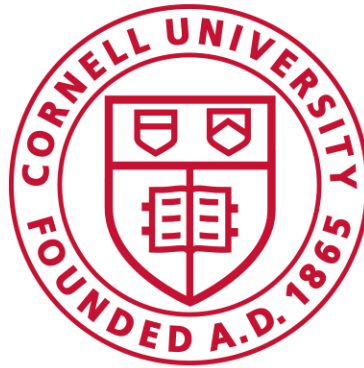
Data Management in SQL

This Twenty-Eighth Day of February, 2023
through eCornell.

Mark W. Nelson

Mark W. Nelson, Anne and Elmer Lindseth Dean
Samuel Curtis Johnson Graduate School of Management
Cornell University

Cornell University



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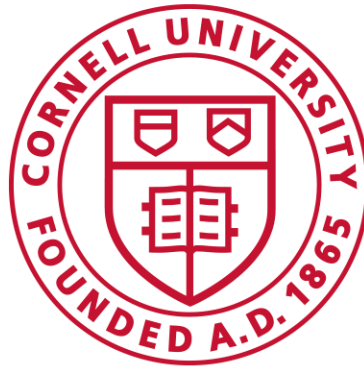
Data Science

This Second Day of January, 2023
through eCornell.

A handwritten signature in blue ink, appearing to read "Lynden A. Archer".

Lynden A. Archer, Joseph Silbert Dean
College of Engineering
Cornell University

Cornell University



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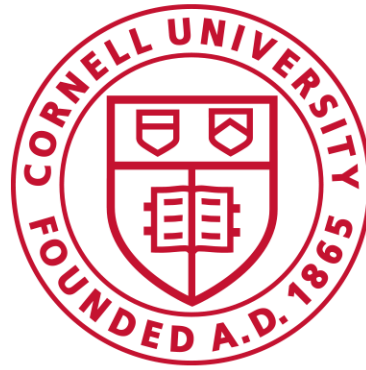
Data Science with SQL and Tableau

This Seventeenth Day of December, 2020
through eCornell.

A handwritten signature in black ink, reading "R. Knepper".

Richard Knepper, Director
Center for Advanced Computing
Cornell University

Cornell University



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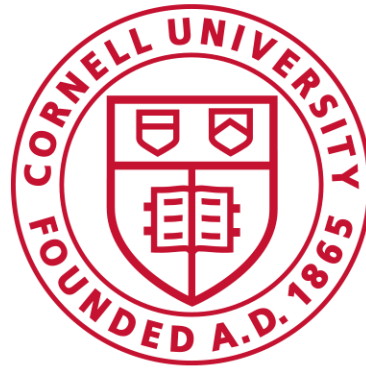
Python for Data Science

This First Day of December, 2020
through eCornell.

A handwritten signature in black ink, reading "R. Knepper".

Richard Knepper, Director
Center for Advanced Computing
Cornell University

Cornell University



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Leonid Shpaner

has completed the certificate program entitled

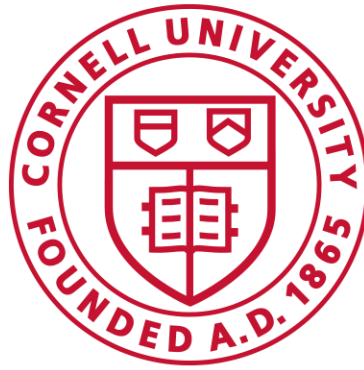
Data Visualization in Tableau

This Twenty-Eighth Day of May, 2020
through eCornell.

A handwritten signature in black ink, reading "R. Knepper".

Richard Knepper, Director
Center for Advanced Computing
Cornell University

Cornell University



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Leonid Shpaner

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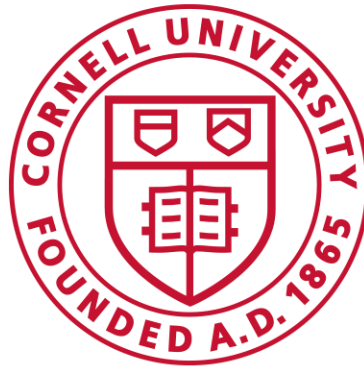
Data Analytics in R

This Twenty-Second Day of April, 2020
through eCornell.

A handwritten signature in black ink, reading "A. Karolyi".

Andrew Karolyi, Charles Field Knight Dean
SC Johnson College of Business
Cornell University

Cornell University



This is to acknowledge that

Leonid Shpaner

has completed the certificate program entitled

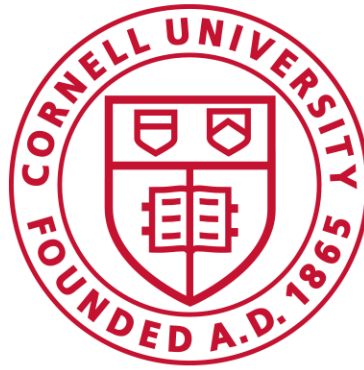
Software Development in Python

This Twenty-Second Day of March, 2020
through eCornell.

A handwritten signature in black ink, appearing to read "KB" followed by a flourish.

Kavita Bala, Dean
Cornell Ann S. Bowers College of Computing and Information Science
Cornell University

Cornell University



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Leonid Shpaner

has completed the certificate program entitled

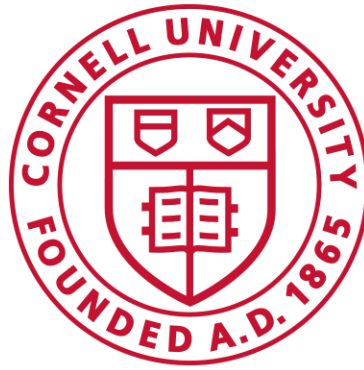
Blockchain for Business

This First Day of May, 2019
through eCornell.

A handwritten signature in black ink, reading "J. Gregory Morrisett".

J. Gregory Morrisett, Jack and Rilla Neafsey Dean and Vice Provost
Cornell Tech
Cornell University

Cornell University



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Leonid Shpaner

has completed the certificate program entitled

Data Analytics

This Seventh Day of September, 2018
through eCornell.

A handwritten signature in black ink, reading "A. Karolyi".

Andrew Karolyi, Charles Field Knight Dean
SC Johnson College of Business
Cornell University