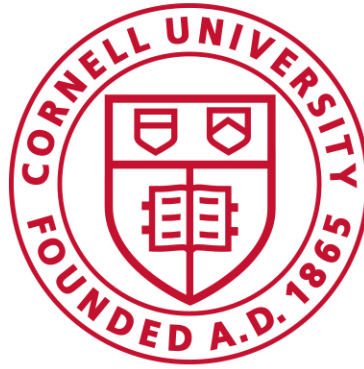


Cornell University



This is to acknowledge that

Leonid Shpaner

has completed the certificate program entitled

Data Analytics

This Seventh Day of September, 2018
through



A handwritten signature in black ink, written over a horizontal line. The signature is cursive and appears to read "F. Johnson".

Dean
SC Johnson College of Business
Cornell University