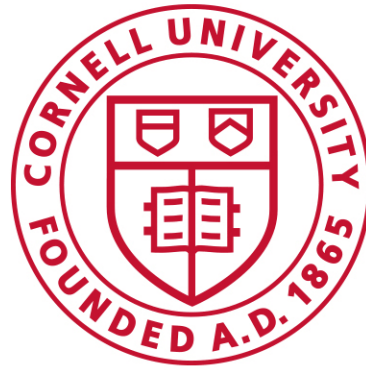


# Cornell University



This is to acknowledge that

**Leonid Shpaner**

has completed the certificate program entitled

**Data Analytics in R**

This Twenty-Second Day of April, 2020  
through



A handwritten signature in black ink, appearing to read "KLM".

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Dean  
SC Johnson College of Business  
Cornell University