



01/21/2019

**Juan Manuel Ciro Torres**

has successfully completed

**Applied Social Network Analysis in Python**

an online non-credit course authorized by University of Michigan and offered through  
Coursera

A handwritten signature in black ink, appearing to read 'Daniel Romero'.

Daniel Romero, Ph.D.  
Assistant Professor  
School of Information  
University of Michigan

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/QG5TZ6R94EZM](https://coursera.org/verify/QG5TZ6R94EZM)

Coursera has confirmed the identity of this individual and  
their participation in the course.