



09/14/2018

**Juan Manuel Ciro Torres**

has successfully completed

**Applied Plotting, Charting & Data Representation  
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 'Chris Brooks'.

Christopher Brooks  
Research Assistant Professor  
School of Information

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/4XCYGG4EQ2J5](https://coursera.org/verify/4XCYGG4EQ2J5)  
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their participation in the course.