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# GNANA GRACY ANTONY SANTIAGO RAJ

has successfully completed

## Applied Text Mining in Python

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

A handwritten signature in black ink, reading 'V. G. Vinod Vydiswaran'.

V. G. Vinod Vydiswaran  
Assistant Professor  
School of Information

## COURSE CERTIFICATE



Verify at [coursera.org/verify/2KZTF6SZWQYL](https://coursera.org/verify/2KZTF6SZWQYL)

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