



Feb 23, 2022

MUHAMMAD ARSALAN SHAMS

has successfully completed

Process Data from Dirty to Clean

an online non-credit course authorized by Google and offered through Coursera

A handwritten signature in black ink, reading "Amanda Brophy", is positioned above a horizontal dotted line.

Amanda Brophy  
Global Director of Google Career Certificates

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/79PJGW8HLU98>

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