



Nov 21, 2021

**TANIA GIRÃO MANGOLINI**

has successfully completed

**Big Data, Genes, and Medicine**

an online non-credit course authorized by The State University of New York and offered through Coursera

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

Isabelle Bichindaritz  
Associate Professor  
Computer Science

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/X5S5ZGEZH7YEX](https://coursera.org/verify/X5S5ZGEZH7YEX)  
Coursera has confirmed the identity of this individual and their participation in the course.