



CAMBRIDGE
**BIG
DATA**



BigDat 2019

**5th International Winter School on
Big Data**

January 7-11, 2019

Cambridge, United Kingdom

THIS IS TO CERTIFY THAT:

Hung Cao has successfully participated in BigDat 2019, which consisted of 39 hours of lectures.

Cambridge, January 11, 2019

A handwritten signature in black ink, appearing to read "Filippo Spiga".

Filippo Spiga
Cambridge Big Data Initiative

A handwritten signature in black ink, appearing to read "Carlos Martín-Vide".

Carlos Martín-Vide
Professor, Rovira i Virgili University