



CERTIFICATE

INTERNATIONAL BUSINESS MACHINES
AND THE UCU COMPUTER SCIENCE PROGRAM

Introduction to Business Analytics

THIS CERTIFIES THAT

Liubov Kotyk

HAS ATTENDED THE ABOVE COURSE

FROM 08.08.2015 TO 09.08.2015

AND HAS ATTAINED THE REQUISITE STANDARD OF PERFORMANCE



A handwritten signature in black ink, appearing to read 'OR'.

Oleksandr Romanko, Ph.D.