

# Certificate of Attendance

## IT Learning Programme

University of Oxford

*Mayur Pant*

*Data visualisation:*

*Data analysis and interactive visualisations with Mathematica*

*Hilary Term 2016*

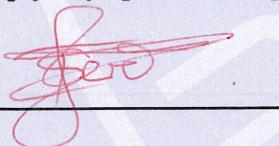
*3 hours*

### Topics covered:

- Importing and inserting data into Mathematica
- Cleaning and analysing data using pattern matching in Mathematica
- Visualising data using scatter plots and bar charts
- Making visualisations interactive using Manipulate
- Exporting data and visualisations from Mathematica
- Deploying interactive data visualisations to the Wolfram Cloud

This certificate does not imply any specific competence in the topics listed.

Taught by Martin Hadley



IT Learning Programme

This certificate can also be photocopied and used as a receipt by University members

**Receipt Number** 95136

**Associated Course Fees:** £NIL

**Issued By:**

IT Learning Programme, IT Services, Oxford University

**Student Name**

Mayur Pant

**Course**

Data visualisation: Data analysis and interactive visualisations with Mathematica

**Course dates**

Tue 16 Feb 2016