

## Welcome to

## Oxford University

Dominus Illuminatio Mea: The Lord is my Light

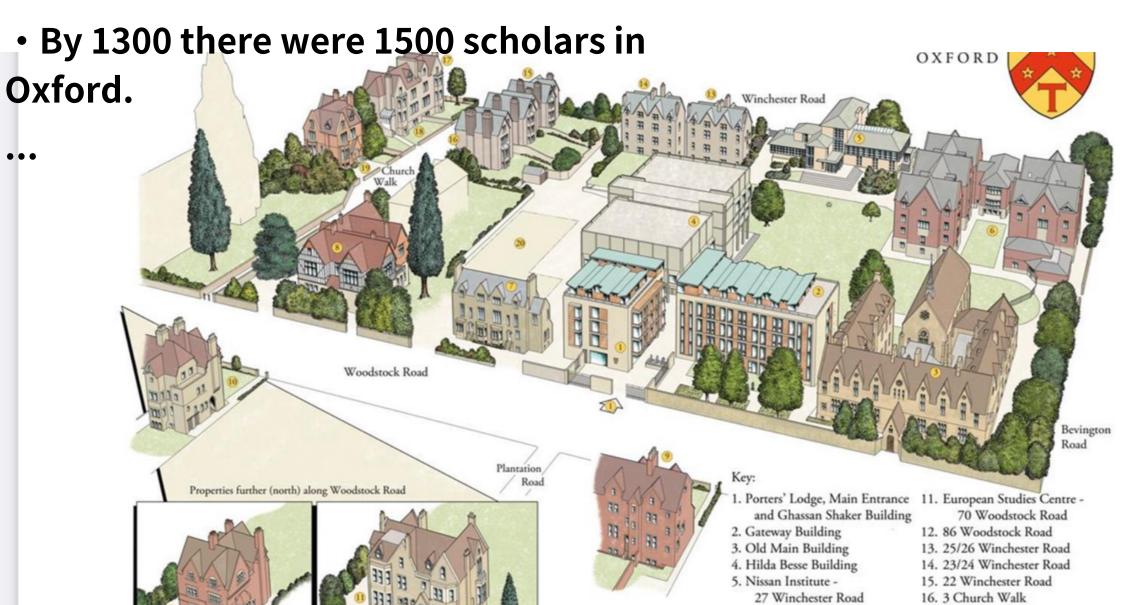
# CHAPTER »» 01

学习在牛津



### What makes Oxford University so famous?

- Oxford was the first University in the English-speaking world and has a history of 900 years.
- Lectures started in 1100.
- By 1200 Oxford was a full university with faculities, doctors, masters and scholars.



6. Founder's Buildings

7. 64/66 Woodstock Road 8. Middle East Centre - 21 Winchester Road
 2 Church Walk

19. Latin American Centre -







## 课堂实录





### 上课体验

## 1.英国的教育环境

- 2.与教授的互动
- 3.与其他同学的交流
- 4.课程任务

课上exercises+课下project

#### DATA ANALYSIS EXERCISES

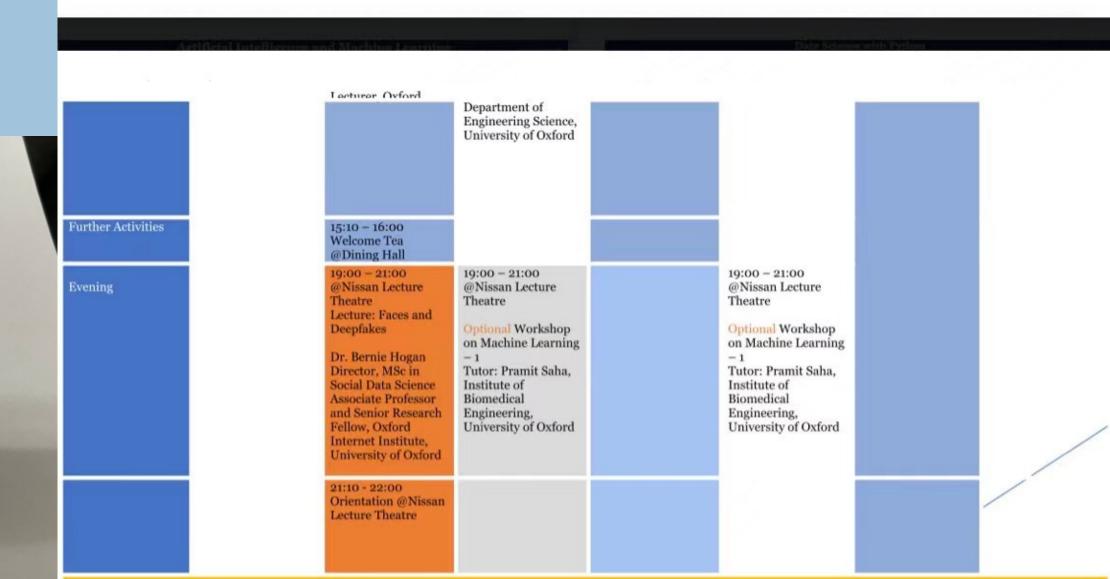
- 1. Write a Python code that, given real numbers  $a, b, \sigma \geq 0$  and an integer  $n \geq 1$ , outputs a random sample of n points  $(x_i, y_i)$ , where  $x_i$  are drawn uniformly from [0,1] and  $y_i = ax_i + b + z_i$ , where  $z_i$  are drawn from the normal distribution  $N(0,\sigma)$ . Let us call the resulting set of n data points  $\mathcal{D}_{\text{train}}$ . Scatter plot  $\mathcal{D}_{\text{train}}$  for a = 0.7, b = 0.3,  $\sigma = 0.05$ , n = 100.
- 2. We hypothesise that  $\mathcal{D}_{\text{train}}$  can be well approximated with a line  $y = \theta_1 x + \theta_0$ for some  $\theta = (\theta_0, \theta_1)$ . To measure the quality of approximation, define the cost function

$$J(\theta) := \sum_{i=1}^{n} (y_i - \theta_1 x_i - \theta_0)^2,$$

where  $(x_i, y_i)$  are the points in  $\mathcal{D}_{\text{train}}$ . Calculate formulas for the partial derivatives  $\frac{\partial}{\partial \theta_i} J(\theta)$ .

(1.0) Write a Python program that, given  $\alpha > 0$ ,

Actionis Materials, India-7-Aucesia Investigation (India-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1							
Week One	Sunday 16/07	Monday 17/07	Tuesday 18/07	Wednesday 19/07	Thursday 20/07	Friday 21/07	Saturday 22/07
Breakfast	N/A	8:00-9:00 am @Dining Hall	8:00-9:00 am @Dining Hall	8:00-9:00 am @Dining Hall	8:00-9:00 am @Dining Hall	7:30@Dining Hall	7:30@Dining Hall
Classroom		@ Investcorp Lecture Theatre	@ Investcorp Lecture Theatre	@ Investcorp Lecture Theatre	@ Investcorp Lecture Theatre	N/A	N/A
9:00-12:00 Core Course	Arrival Check-in after 14:00.	Core Course - 1: More detailed info on page - 4  Dr Kohan Marzagão   Lecturer at Christ Church, Oxford University	Core Course - 2: More detailed info on page - 4  Dr Kohan Marzagão   Lecturer at Christ Church, Oxford University	Core Course – 3: More detailed info on page - 4  Dr Kohan Marzagão   Lecturer at Christ Church, Oxford University	Core Course – 4: More detailed info on page - 4  Dr Kohan Marzagão   Lecturer at Christ Church, Oxford University	Packed lunch provided  Study Visit – 1  BMW MINI Plant Oxford & Fairmile Vineyard Henley-on-Thames - Fair Mile, Henley-on-Thames - Fair Mile, Henley-on-Thames RG9 2LA  Students will be divided into 3 groups for the visits. More detailed info about the group will be noticed 1-2 days before the visit, which can be found via the above general link.	Packed Lunch provided  Study Visit - 2  1) Houses of Parliament  2) British Museum
Lunch		12:00@Dining hall	12:00@Dining hall	12:00@Dining hall	12:00@Dining hall		and the second
Classroom		@ Nissan Lecture Theatre	@ Nissan Lecture Theatre	@ Nissan Lecture Theatre	@ Nissan Lecture Theatre		Students will be divided into 3
13:00-15:00 Interdisciplinary Lectures and Guest Lectures		Oxford University and Tutorial System Dr Roosa Lambin,	Advances in AI for Healthcare  Prof. David A. Clifton Royal Academy of Engineering Chair of Clinical Machine Learning NIHR Research Professor	Sharing Session My Experience at Oxford and My Application Experience  Yuanyue, Dphil student, Department of Education, University of Oxford	Sharing Session: Local Charity: Makespace Oxford Mr Alex Lui Project Manager Makespace Oxford		groups for the visits.  More detailed info about the group will be noticed 1-2 days before the visit, which can be found via the above



CHAPTER

»» 02

生活在牛津



## 英伦小镇 Oxford

1.生活惬意

2.物价不友好分

3.很多暑期游学的学生



Oxford

大部晴朗无云 最高19°最低13°

03:00-07:00局部多云,07:00预计大部多云。

观在 23时 0时 1时 2时 3时 **せ せ せ せ せ** 4° 13° 13° 12° 12° 12°

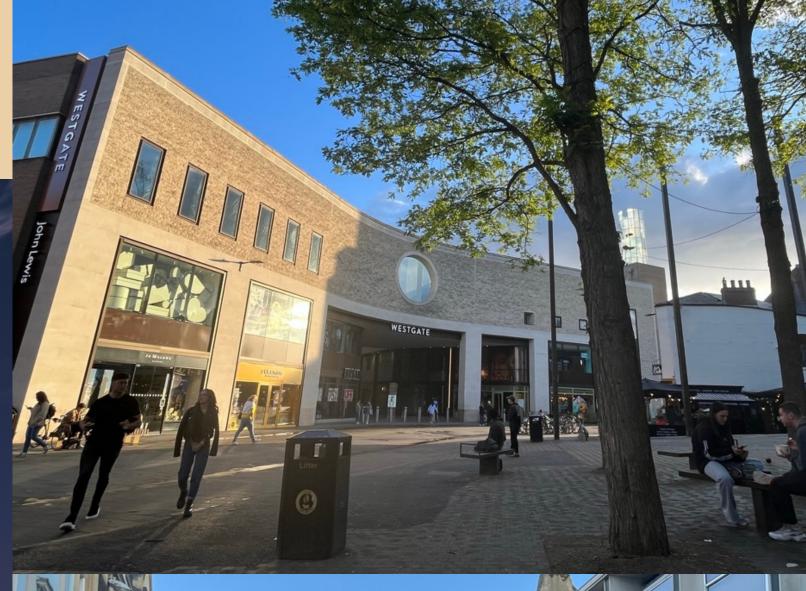
■ 10日天气预报

今天 🔆 13° — **----**— 19°

周一 🔥 11° — 21°

周二 **—** 11° ——— 20°

周二 🐣 12° **——— 21°** 





## 感受当地文化

- 1.文化气息浓厚: 很多博物馆和书店
- 2.英国人的文化习俗
- 3.大量的草坪和公园:

**Enjoy yourself!** 





#暑假为什么选择 Summer School? 阅历&知识?

# CHAPTER >>>> 03

娱乐在牛津





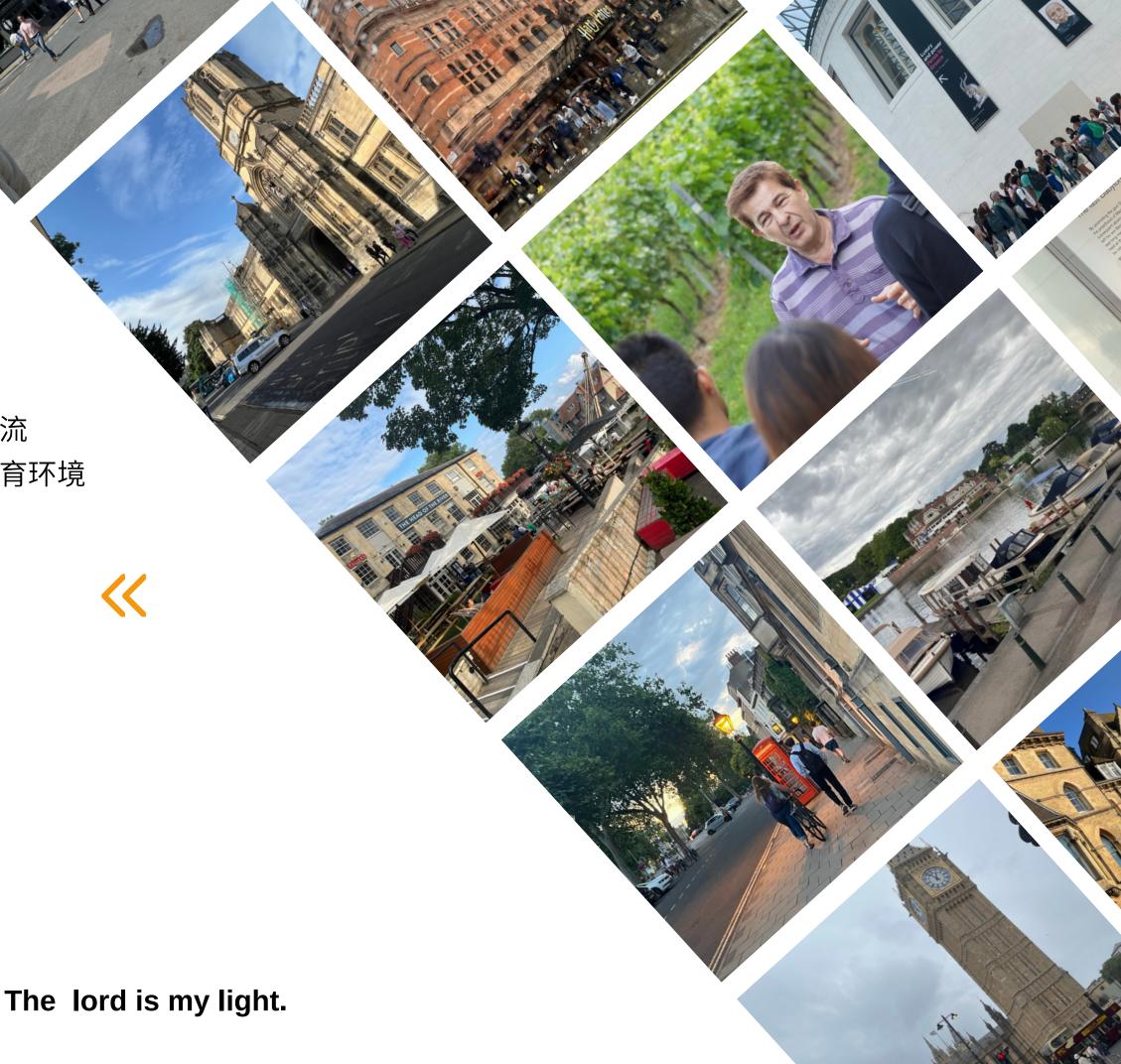
### 写在最后

#### 为什么选择Oxford Session1

- 1.英语国家最早的大学,体验英国的高等教育
- 2.课程选择性多,文理、商科等均有提供
- 3.可以与来自不同学校、不同背景的同学在一块学习、交流
- 4.为以后读研做准备,看自己是否喜欢或者适合英国的教育环境

#### 这次经历带给我什么

- 1.与外界交流,探索自己,提升自己
- 2.专业知识,英语能力
- 3.多元文化的碰撞





Welcome to

## Oxford University



#### Oxford International Study Abroad Programme

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## 感谢观看

THANK YOU FOR WATCHING

沙奎良

Nov 2023

The lord is my light