

NOBLE DESKTOP

SQL BOOTCAMP

ROB CARRINGTON

- ▶ 5 years as a software developer
- ▶ Worked in FinTech

Q2 EBANKING



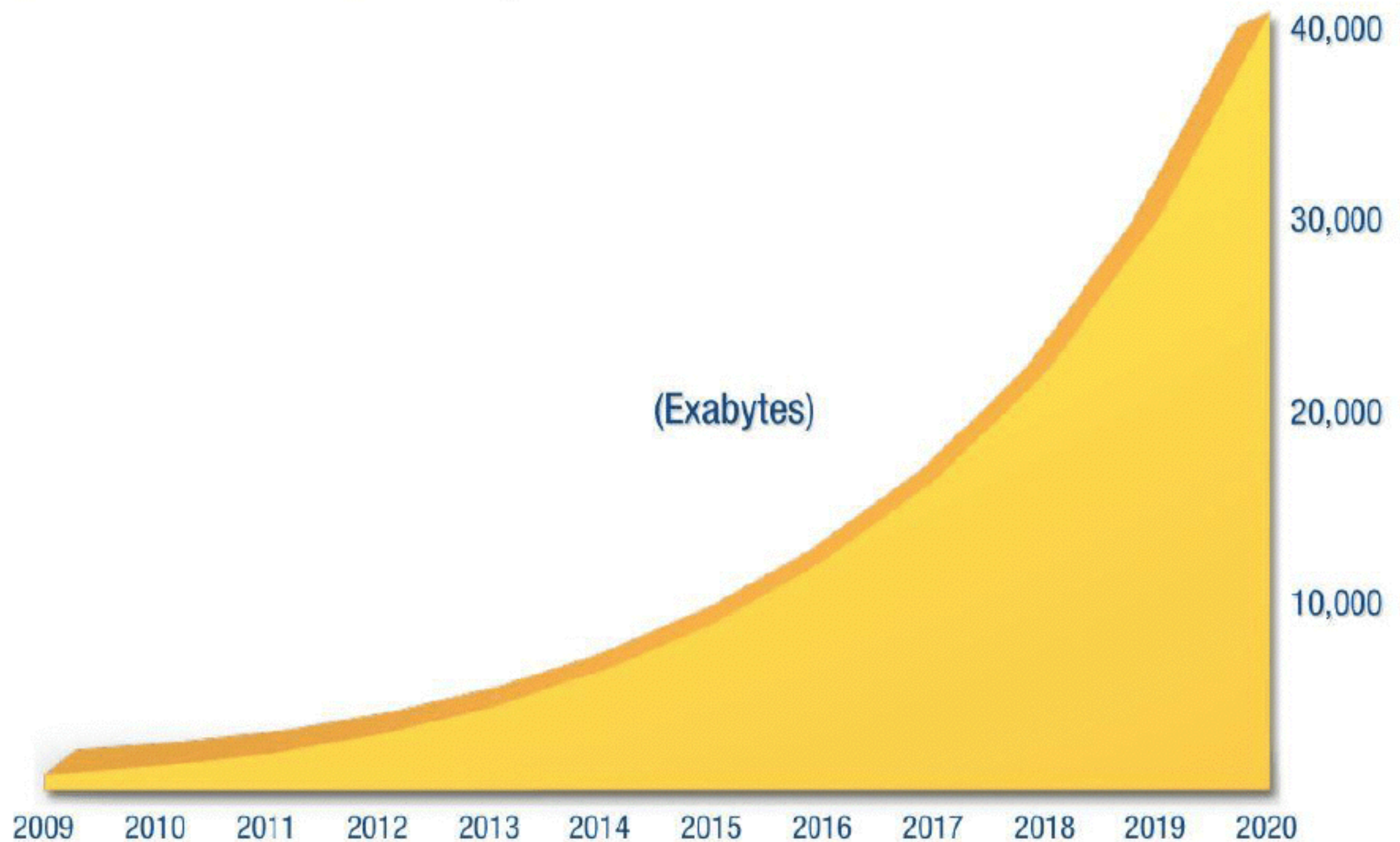


REASONS TO LEARN

SQL

**1. DATA IS GROWING
MORE IMPORTANT**

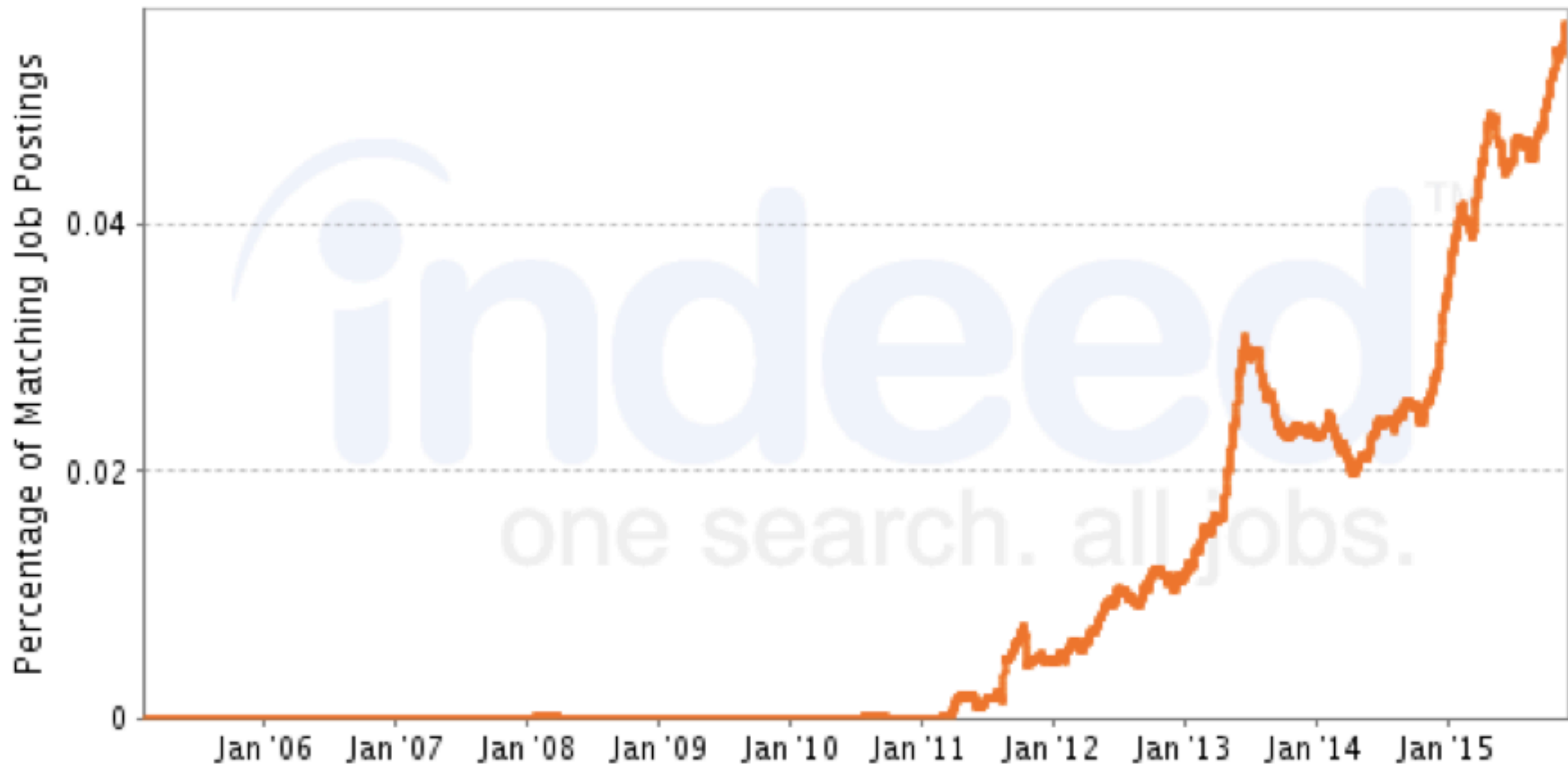
The Digital Universe: 50-fold Growth from the Beginning of 2010 to the End of 2020



This IDC graph predicts exponential growth of data from around 3 zettabytes in 2013 to approximately 40 zettabytes by 2020. An exabyte equals 1,000,000,000,000,000,000 bytes and 1,000 exabytes equals one zettabyte. Source: IDC's Digital Universe Study, December 2012, <http://www.emc.com/collateral/analyst-reports/idc-the-digital-universe-in-2020.pdf>.

Job Trends from Indeed.com

— "Data Scientist"



**2. SQL IS A CORE
SKILL FOR USING DATA**

ADVANTAGES OF SQL

- ▶ Evergreen skill
- ▶ Nearly identical across databases
- ▶ Fast to learn, compared to other programming languages



THE SOURCE OF

TRUTH

HIGH-VALUE

- ▶ “Know your numbers” for any aspect of your business
- ▶ Test assumptions with hard data

COURSE OUTLINE

CLASS FORMAT

- 15 minutes for lesson & demo
- 15 minutes for exercise
- Pause to review & ask questions
- Rinse and repeat

SELECT STATEMENT

```
SELECT * FROM products;
```

SELECT STATEMENT

```
SELECT * FROM products;
```



table

SELECT STATEMENT WITH LIMIT

```
SELECT * FROM products  
LIMIT 100;
```

SPECIFYING COLUMNS

```
SELECT title, price FROM products;
```

SPECIFYING COLUMNS

```
SELECT title, price FROM products;
```



column

DISTINCT

```
SELECT DISTINCT price FROM products
```

EXERCISES