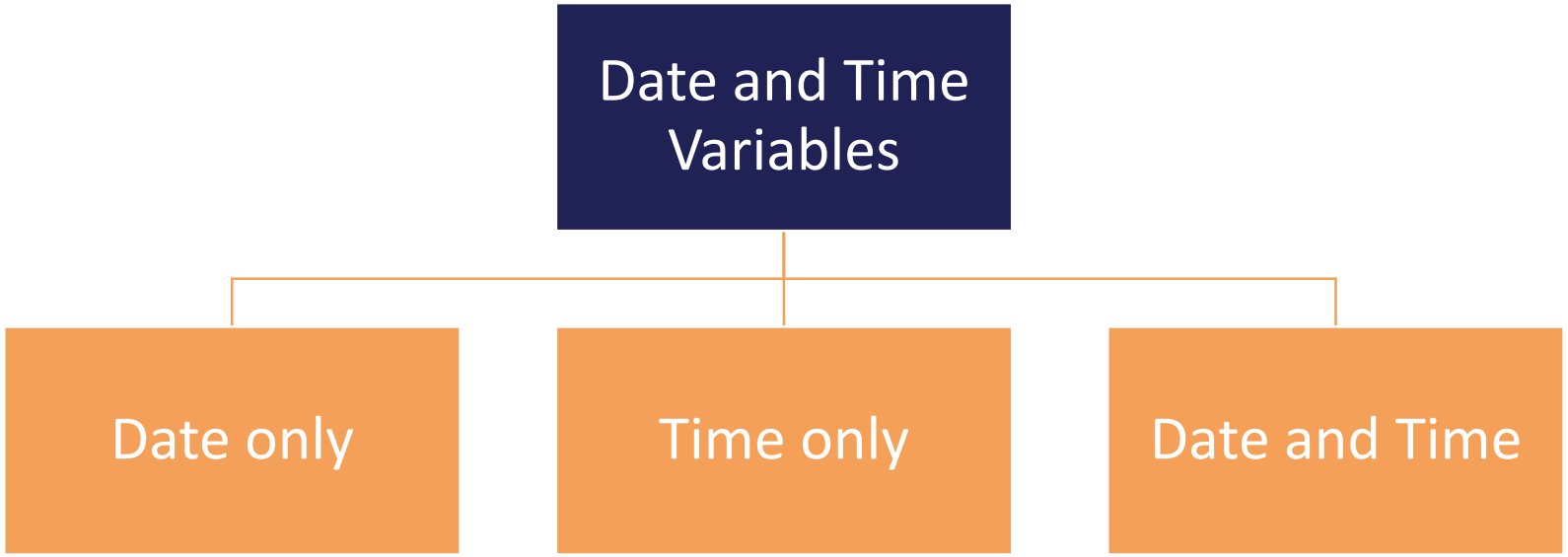
Train In Data

# Date and Time Variables

# Date and Time Variables



# Date and Time Variables

Date and time, or datetime variables they take dates and / or time as values.

- Date of birth ('29-08-1987', '12-01-2012')
- Date of application ('2016-Dec', '2013-March')
- Time of accident (12:20:45)
- Payment date ('29-08-1987 15:20.20‘)

# Pre-processing of Date and Time

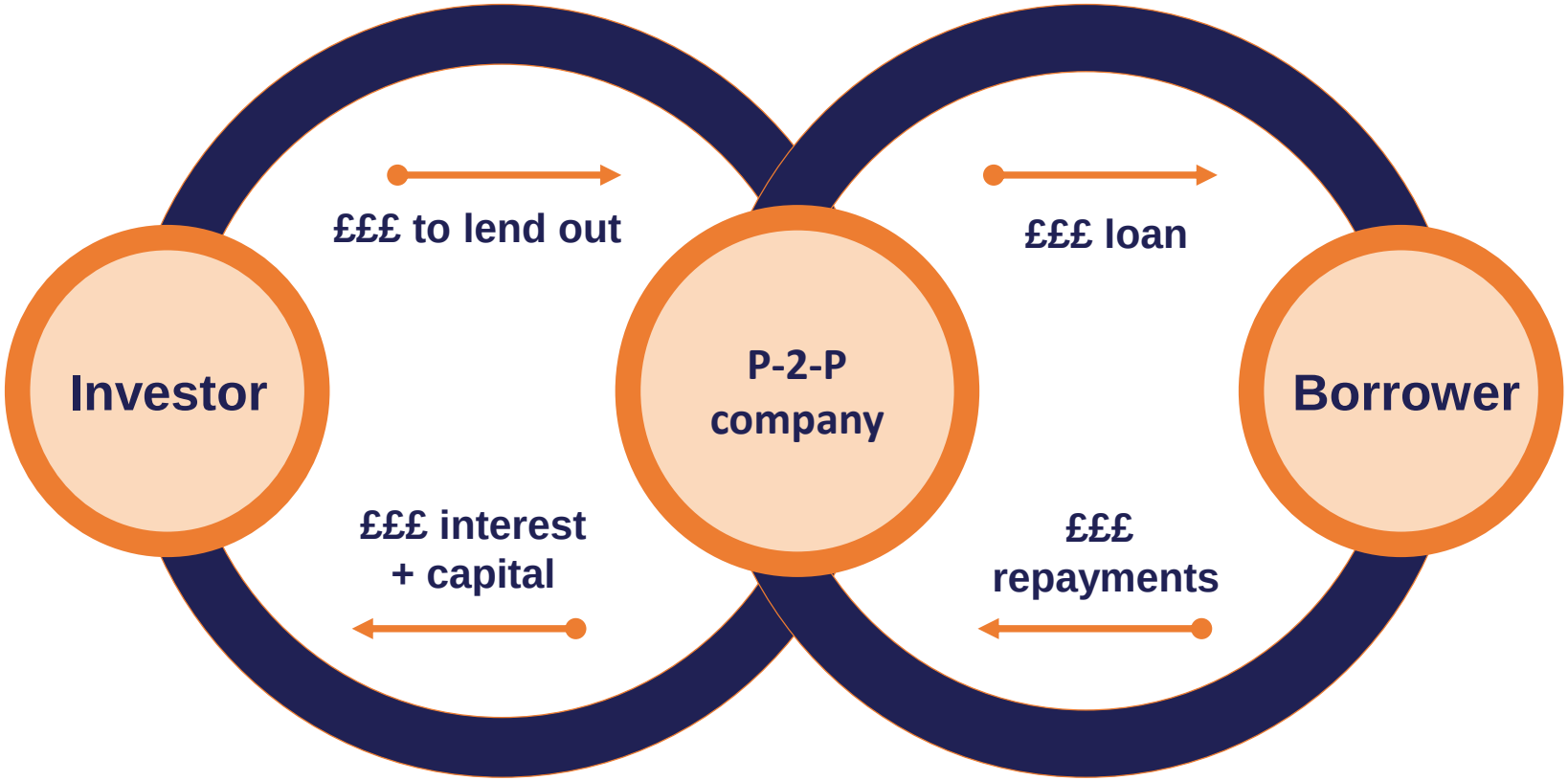
- We can enrich the dataset dramatically by extracting information from the date and time.

- We will see how in a dedicated section.

# Date and Time Variables

Notebook demo

# Peer to Peer Finance



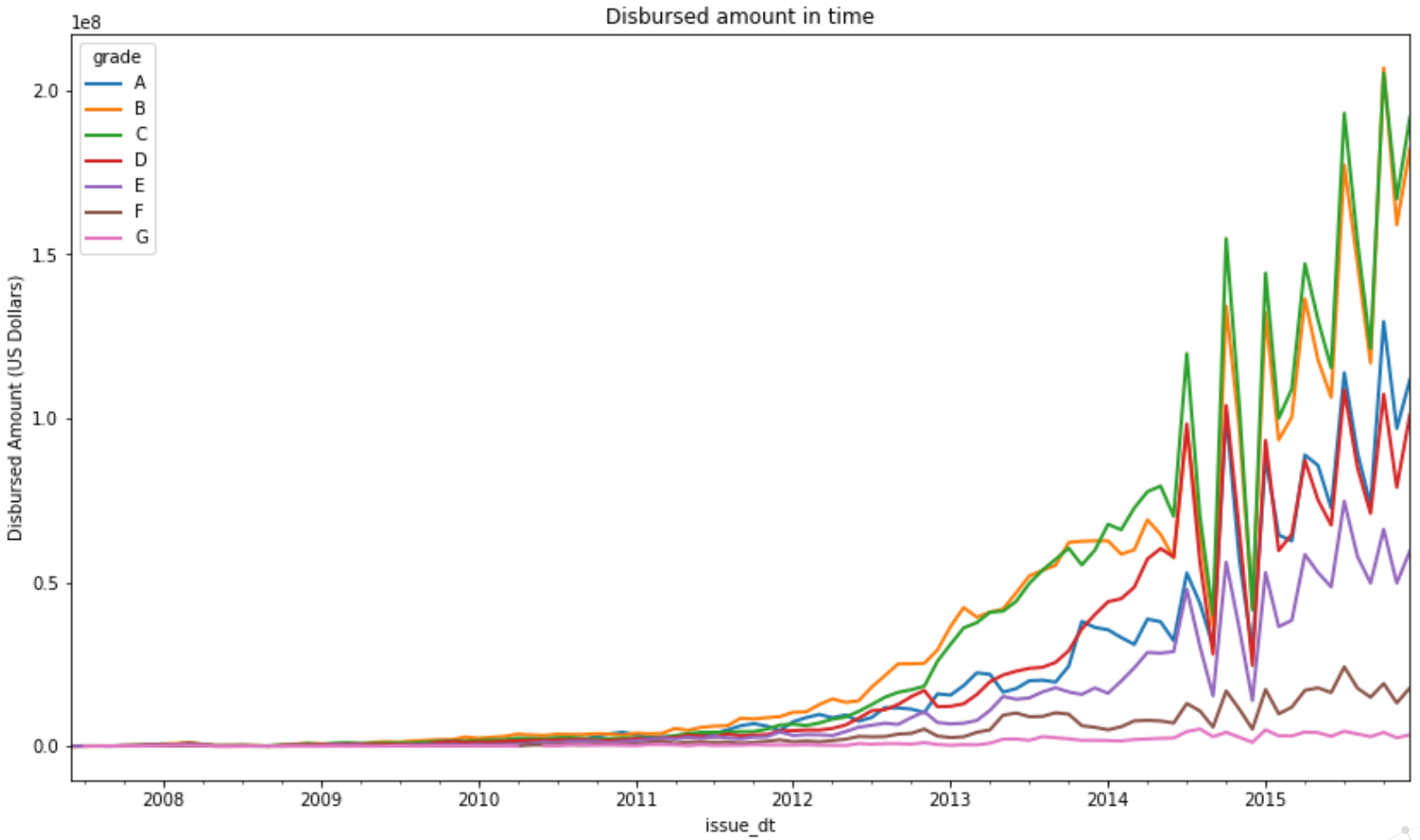
# Date Variable Examples

- Loan issued date
- Last repayment date

# Date Variable Examples

| | loan_amnt | grade | issue_d | purpose | last_pymnt_d |
|---|---|---|---|---|---|
| **0** | 5000.0 | B | Dec-2011 | credit_card | Jan-2015 |
| **1** | 2500.0 | C | Dec-2011 | car | Apr-2013 |
| **2** | 2400.0 | C | Dec-2011 | small_business | Jun-2014 |
| **3** | 10000.0 | C | Dec-2011 | other | Jan-2015 |
| **4** | 3000.0 | B | Dec-2011 | other | Jan-2016 |

# Issued Date


Disbursed amount in time
1e8
grade
A
B
C
D
E
F
G
2.0
1.5
1.0
0.5
0.0
Disbursed Amount (US Dollars)
2008
2009
2010
2011
2012
2013
2014
2015
issue_dt

# Accompanying Jupyter Notebook

- Read the accompanying Jupyter Notebook

Train In Data

# THANK YOU

www.trainindata.com