HISTORICAL FINANCIAL DATA ENTRY

PROJECT PORTFOLIO

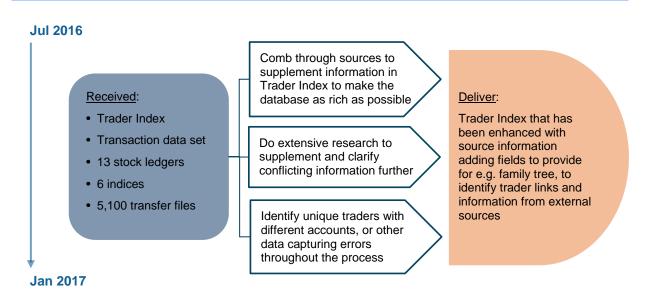
PROJECT OVERVIEW

A project driven by Finance Professors from Tilburg University in the Netherlands, required assistance collecting data from the stock ledgers of two eighteenth century companies and to accurately recreate it in a modern, user-friendly format.

COMPANY 1

Nov 2015 Identifying every trader and gathering as much personal information as possible Capturing data: Deliver: · 2 stock ledgers Transactions data set with buying and selling Converting amounts to • 1,500 pages side cross-referenced decimals and balancing • ± 46,400 transactions with unique IDs accounts Index with trader • ± 5,050 traders information Designing and assigning unique Trader IDs and Transaction IDs Jun 2016

COMPANY 2



PROJECT CHALLENGES

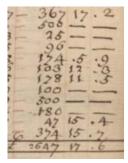


Sorting transactions in date order as the new year started on 25 March before the enactment of the Calendar Act of 1750, which would require 1 January to 24 March to be arranged after 31 December in the same year (https://en.wikipedia.org/wiki/Calendar_(New_Style)_Act_1750).

Decimalisation of eighteenth century British currency system, i.e. Pounds, Shilling and Pence, as well as balancing accounts post-conversion (https://en.wikipedia.org/wiki/Decimalisation).

Deciphering eighteenth century handwritten text with archaic shorthand, compounded by ink stains, deteriorating paper

and even adhesive tape obscuring text.



Unstandardised records:

- Different accounts would exist for the same trader, who sold out at some point and started trading again with a different title, surname, suffix or rank
- Ever-changing academic and honorary titles, military ranks and family name suffixes required tracking in order to establish seniority and identify traders accurately
- Spelling variances in trader information
- Changing times and neighbourhoods, influenced by events such as the Great Fire of London 1666, impeded efforts to obtain rationalized data (https://en.wikipedia.org/wiki/Great_Fire_of_London)

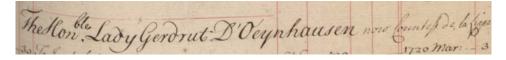
Examples of unstandardised records:

The accounts below had been identified as 2 different traders, one for White Kennett, DD and the other for the Right Reverend White, Lord Bishop of Petersborough. Through research I established they were one and the same person (https://en.wikipedia.org/wiki/White_Kennett):





The account pictured below for Honourable Lady Gerdrut d'Oeynhausen now Countess de la Lippe belongs to Countess Margarete Gertrud of Oeynhausen now Schaumburg-Lippe in its standardized form (https://en.wikipedia.org/wiki/Albert Wolfgang, Count of Schaumburg-Lippe).



Change of title and family names can cause uncertainty. Is the account of Right Honourable Henry, Earle of Litchfield the same as the account of the Right Honourable George Henry, Earl of Litchfield? After checking the dates of the transactions against the periods the title was held, the first belonged to Edward Henry Lee (https://en.wikipedia.org/wiki/Edward_Lee, 1st Earl of Lichfield) and the second to George Henry Lee (https://en.wikipedia.org/wiki/George_Lee, 2nd Earl of Lichfield).



The R'Honbly eorge Henry Earl of Litchfield

EXAMPLE OF A LEDGER PAGE

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FINAL TRANSACTION RECORD

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AA008	E01603008	E	016	03	008	1715	2	27	500.00			431	PL005	E43105003
AA008	E01603009	E	016	03	009	1716	4	11		115.00		336	EH010	E33604002
AA008	E01603010	E	016	03	010	1716	4	11		410.00		578	VEN078	E57805002
AA008	E01603011	E	016	03	011	1716	4	11		480.00		578	PR001	E57802002
AA008	E01603012	E	016	03	012	1716	4	12	1,000.00			723	HW006	E72302002
AA008	E01603013	E	016	03	013	1716	4	16		102.83		033	MB007	E03308002
AA008	E01603014	E	016	03	014	1716	4	26		6.73		573	TR001	E57301002
AA008	E01603015	E	016	03	015	1716	4	28		92.00		427	RL005	E42703002
AA008	E01603016	E	016	03	016	1716	5	3	200.00			694	DV002	E69402002
AA008	E01603017	E	016	03	017	1716	5	30		10.00		083	TB030	E08303002
AA008	E01603018	E	016	03	018	1716	6	8	16.56			330	PH006	E33002001
AA008	E01603019	E	016	03	019	1716	9	22		400.00		439	JL033	E43903007
AA008	E01603020	E	016	03	020	1716	10	2		1,000.00		133	RC014	E13307003
AA008	E01603021	E	016	03	021	1716	10	2		,	1,400.00	017	AA008	E01701001
RA008	E01604001	E	016	04	001	1715	3	15		500.00	,	109	VEN015	E10903002
RA008	E01604002	E	016	04	002	1716	6	15	500.00			342	JH043	E34201001
RA008	E01604003	E	016	04	003	1716	11	13		1,000.00		059	JB024	E05901007
RA008	E01604004	E	016	04	004	1716	11	16		1,500.00		304	MH001	E30403051
RA008	E01604005	E	016	04	005	1716	11	20		1,000.00		677	ET009	E67701012
RA008	E01604006	E	016	04	006	1716	1	21	1,000.00	.,,		250	MF005	E25001012
RA008	E01604007	E	016	04	007	1716	1	23	200.00			284	JG020	E28404005
RA008	E01604008	E	016	04	008	1716	1	23	300.00			080	RB017	E08001001
RA008	E01604009	E	016	04	009	1716	1	23	500.00			505	GM013	E50507019
RA008	E01604010	E	016	04	010	1716	2	5		1,000.00		170	AD002	E17002031
RA008	E01604011	E	016	04	011	1716	2	19	1,000.00	.,		579	RR007	E57905001
RA008	E01604012	E	016	04	012	1716	2	27	.,	1,000.00		582	JR013	E58203057
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RA008	E01604015	E	016	04	015	1716	3	15		500.00		279	EG009	E27901027
RA008	E01604016	E	016	04	016	1717	5	10	1,000.00			281	VEN035	E28105005
RA008	E01604017	E	016	04	017	1717	5	15	.,	1,000.00		640	RS006	E64001015
RA008	E01604018	E	016	04	018	1717	8	15	1,000.00	.,,		640	RS006	E64001166
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RA008	E01604022	E	016	04	022	1717	9	27		1,000.00		442	JL045	E44207002
RA008	E01604023	E	016	04	023	1717	11	9	1,000.00	1,000.00		651	WT002	E65102009
RA008	E01604024	E	016	04	024	1717	11	12	1,000.00			253	RF005	E25301006
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RA008	E01604026	E	016	04	026	1717	11	28		1,000.00		479	MD008	E47901023
RA008	E01604027	E	016	04	027	1717	12	18	1,000.00	7,000.00		029	RB004	E02906001
RA008	E01604028	E	016	04	028	1717	2	15	.,000.00		3,000.00	018	RA008	E01804001