

PROJECT - 2

- THIS PROJECT IS BASED ON THE GRANTS DATA (ALSO KNOWN AS THE BIG LOTTERY DATA), IT HAS 16 COLUMNS AND OVER 10,9000 ROWS OF DATA WHICH CONTAINS THE INFORMATION ON GRANTS PROVIDED TO VARIOUS ORGANIZATIONS BETWEEN 2004-2013.
- SOME OF THE IMPORTANT FIELDS ARE APPLICANT NAME, DATE OF ANNOUNCEMENT, DATE OF DECISION, CONSTITUENCY/AREA, PROGRAMME, FUNDER, POPULATION, AWARDED AMOUNT, MALE-FEMALE RATIO, ORGANIZATION AGE ETC.
- USING SQL QUERIES WE WILL EXTRACT USEFUL INFORMATION FROM THIS VAST AMOUNT OF DATA.
- SOME OF THE SQL COMMANDS USED IN THIS PROJECT ARE – GROUP BY, ORDER BY, CASE WHEN, OVER, UNION ALL, ALTER, UPDATE, DENSE RANK... ETC.

❑ OVERVIEW OF THE DATA -

	announcement_date date	applicant character varying	status character varying	constituency character varying	decision_date date	funder character varying	award_bin smallint	org cha
1	2004-04-08	Rode Cricket Club	Not Specified	Somerton and Frome	2004-04-08	Joint Pot	3	Thi
2	2004-04-27	Dusted	Not Specified	Wirral South	2004-04-27	Joint Pot	3	Thi
3	2004-05-21	Totland Share Group	Not Specified	Isle of Wight	2004-05-21	Joint Pot	3	Thi
4	2004-04-20	All Nations Youth Association	Not Specified	Warley	2004-04-20	Joint Pot	3	Thi
5	2004-06-04	Newcastle Local YHA Group	Not Specified	Gateshead	2004-06-04	Joint Pot	3	Thi

❑ CONSTITUENCY WHICH RECEIVED MOST NUMBER OF GRANTS -

	constituency character varying	tot_grant bigint
1	Islington South and Finsbury	348675281
2	Bristol West	132830588
3	Holborn and St Pancras	103745095
4	Birmingham, Ladywood	101099242
5	Cities of London and Westminster	97677826

❑ TOTAL AMOUNT OF GRANTS RECEIVED BY CONSTITUENCIES WITH LEAST POPULATION -

	constituency character varying	population integer	tot_grant bigint
1	St Ives	2203	729874
2	Cities of London and Westminster	7375	10417645
3	Islington South and Finsbury	7375	186410
4	Holborn and St Pancras	7375	12745
5	Barking	7375	9753

□ GRANTS WHICH PROVIDED THE LEAST AND MOST FUNDING PER HEAD -

	applicant character varying	constituency character varying	funder character varying	programme character varying	award_amount integer	funding_per_head double precision
1	Wornington Green Detached Youth Work Project	Kensington	Joint Pot	Awards for All	11	6.93e-05
2	Yorkshire Main Miners Welfare Scheme	Don Valley	Joint Pot	Awards for All	25	8.27e-05
3	The Youth Action for Tattenhall Project	Eddisbury	Joint Pot	Awards for All	51	0.000154729
4	Broad Street Meeting Hall Ltd	Coventry, North East	Joint Pot	Awards for All	50	0.000157749
5	Downside Independent Editorial Team	South West Bedfordshire	Joint Pot	Awards for All	42	0.000165107
6	Big Local Trust	Islington South and Finsbury	Big Lottery Fund	Trusts	214340846	1039.86
7	Royal Society of Wildlife Trusts	Newark	Big Lottery Fund	Changing Spaces	59842400	521.1980804
8	The National Endowment For Science Technology And The Ar...	Cities of London and Westminster	Big Lottery Fund	Single Grants Direct	1737701	235.6204746
9	Council of the Isles of Scilly	St Ives	Big Lottery Fund	Reaching Communities Buildings	473599	214.9791194
10	The Prince's Trust	Cities of London and Westminster	Big Lottery Fund	Youth in Focus	1500000	203.3898305

□ FUNDER WITH MOST CONTRIBUTION -

	funder character varying	tot_award bigint
1	Big Lottery Fund	3621124208
2	Community Fund	464057373
3	New Opportunities Fu...	415570292
4	Joint Pot	238089410
5	Veterans Pot	16275381
6	Millennium Commissi...	15682434
7	NOF - Scotland	9353981
8	NOF - Wales	3703470
9	NOF - Northern Ireland	3687671
10	NOF - England	3560467
11	Micro Grants Joint Pot	74681

❑ PROGRAMME WHICH OFERED LEAST AMOUNT BY EACH FUNDER -

	funder character varying	programme character varying	award_amount integer
1	Big Lottery Fund	Awards for All	58
2	Community Fund	Awards for All	36
3	Joint Pot	Awards for All	11
4	Micro Grants Joint Pot	Micro Grants	120
5	Millennium Commissi...	Millennium Commission	35998
6	New Opportunities Fu...	Awards for All	50
7	NOF - England	Childcare	1743
8	NOF - Northern Ireland	Childcare	2870
9	NOF - Scotland	New Opportunities for Quality Childcare	1880
10	NOF - Wales	Out of School Hours Childcare	212
11	Veterans Pot	Home Front Recall	35




❑ TYPE OF ORGANIZATION TO GET THE HIGHEST AMOUNT OF GRANT-

	org_type character varying	tot_grant bigint
1	Third Sector	3789743724
2	Public Sector - Local Government	615220717
3	Public Sector - State School	112488736
4	Public Sector - Non-Departmental Public Body	92324214
5	Private - Company limited by guarantee	89037422



❑ CORRELATION OF ANTIQUITY/AGE OF AN ORGANIZATION AND AMOUNT OF GRANTS IT RECIEVES -

	antiquity text	num_grants bigint
1	Mid	43700
2	New	22806
3	Old	22713
4	Very Old	20336

❑ CREATION AND OVERVIEW OF THE DISTIBUTION OF THE NEW COLUMN DURATION -

	max integer 	avg numeric 	min integer 
1	1563	25.2291816895623203	-234

❑ FUNDER WHICH USUALLY DELAYS AWARDING GRANTS -

	funder character varying 	avg_delay numeric 
1	NOF - Wales	56.8333333333333333
2	NOF - Northern Ireland	48.6111111111111111
3	Big Lottery Fund	48.2380182241331703
4	NOF - Scotland	46.5392156862745098
5	NOF - England	43.5571428571428571
6	New Opportunities Fu...	36.2267841788478074
7	Community Fund	22.6237322515212982
8	Micro Grants Joint Pot	0.000000000000000000
9	Joint Pot	0.000000000000000000
10	Millennium Commissi...	0.000000000000000000
11	Veterans Pot	0.000000000000000000