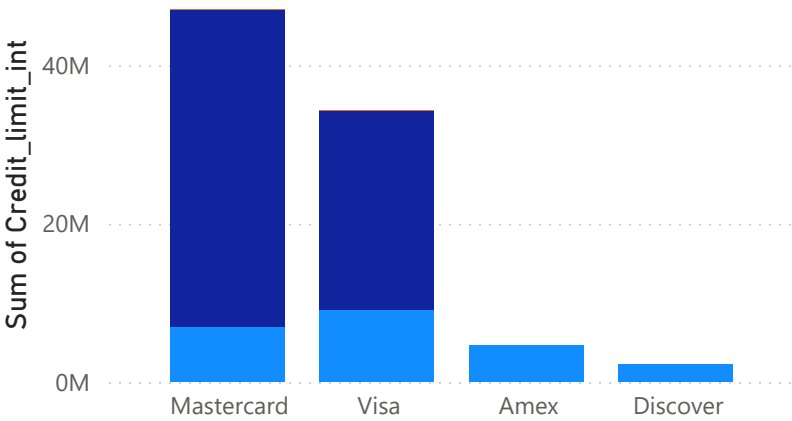
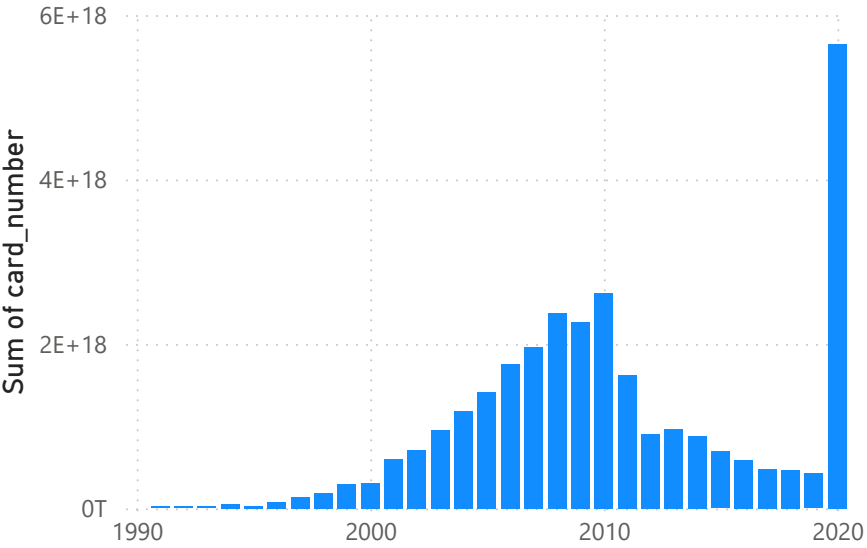


Sum of Credit_limit_int and Count of client_id by card_brand and card_type

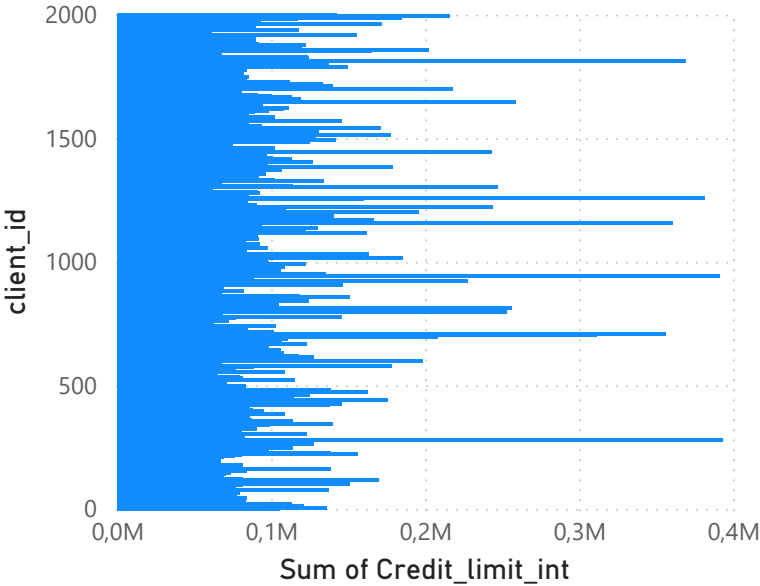
card_type Credit Debit Debit (Prepaid)



Sum of card_number by year of date



Sum of Credit_limit_int by client_id

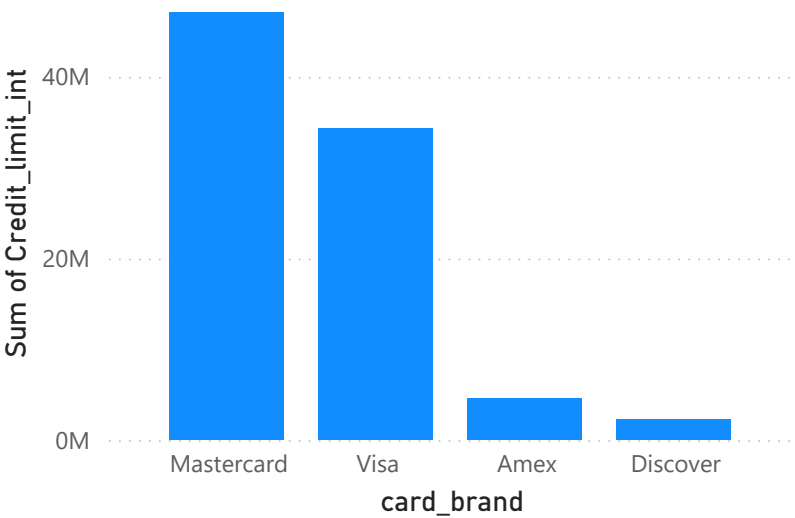


card_brand	1997	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Amex		1		1			2			2	1	8	5	2	9	6	3	6	3	
Discover									1	2	2	4	6	4	7	1	6	3	1	
Mastercard	2	2	1	1	3		6	4	19	17	20	29	30	36	46	35	42	49	59	
Visa	1	1	1		4	7	2	4	9	15	16	21	21	22	35	34	33	39	38	
Total	3	4	2	2	7	9	8	11	28	36	39	62	62	64	97	76	84	97	101	

Select Top N Card Brands

Value

Sum of Credit_limit_int and Count of client_id by card_brand





card_brand	card_type	Sum of Credit_limit_int	Year of expire
Amex	Credit	9 400,00	1999
Amex	Credit	11 600,00	2001
Amex	Credit	26 300,00	2003
Amex	Credit	7 300,00	2005
Amex	Credit	17 500,00	2007
Amex	Credit	6 200,00	2008
Amex	Credit	81 200,00	2009
Amex	Credit	63 300,00	2010
Amex	Credit	19 200,00	2011
Amex	Credit	99 000,00	2012
Amex	Credit	63 700,00	2013
Amex	Credit	35 800,00	2014
Amex	Credit	52 600,00	2015
Amex	Credit	36 300,00	2016
Amex	Credit	94 100,00	2017
Amex	Credit	79 100,00	2018
Amex	Credit	72 600,00	2019
Amex	Credit	1 050 200,00	2020
Amex	Credit	650 100,00	2021
Amex	Credit	666 000,00	2022
Amex	Credit	550 500,00	2023
Amex	Credit	905 400,00	2024
Discover	Credit	15 300,00	2005
Discover	Credit	23 800,00	2007
Discover	Credit	4 100,00	2008
Discover	Credit	36 900,00	2009
Discover	Credit	76 900,00	2010
Discover	Credit	46 700,00	2011
Discover	Credit	65 300,00	2012
Discover	Credit	10 300,00	2013
Discover	Credit	81 800,00	2014
Total		88 179 698,00	

Year of expire

1997

2024

card_type

Credit

Debit

Debit (Prepaid)