<pre># pip # pip import import import</pre>	install pandas install numpy install datetime t pandas as pd t numpy as np t datetime as dt
'c:\\t	Users\\HP VICTUS\\Downloads\\Sertifikat MySkill\\Data Analysis Series\\Python' Oor data dari CSV ke DataFrame
df 0 1 2 3 4 461768 461770 461771 461772	4 493413 84578 ELEPHANT TOY WITH BLUE T-SHIRT 1 2010-01-04 09:54:00 3.75 NaN 5 39991 21618 4 WILDFLOWER BOTANICAL CANDLES 1 2010-12-23 16:49:00 1.25 NaN 5 539992 21470 FLOWER VINE RAFFIA FOOD COVER 1 2010-12-23 17:41:00 3.75 NaN 5 539992 22258 FELT FARM ANIMAL RABBIT 1 2010-12-23 17:41:00 1.25 NaN 5 539992 21155 RED RETROSPOT PEG BAG 1 2010-12-23 17:41:00 2.10 NaN TOWNS × 7 Columns
Rangel Data of # 0 0 0 1	s 'pandas.core.frame.DataFrame'> Index: 461773 entries, 0 to 461772 columns (total 7 columns): Column Non-Null Count btype
# mend df_cle	eam = d.copy) Genomeral scales of Jean('order_date') = of_Jean('order_date').astype('datetime64') boat scales programs and the scales of Jean('order_date').astype('datetime64') boat scales programs are starpe occurred. eam = d_Clean('order_date') = of_Jean('order_date').dt.in_period('W') dispuse seems bear's actors produce produce. eam = d_Clean('order_date').astype('datetime64') drapus seems bear's actors produce produce. eam = d_Clean('order_date').astype('datetime64') drapus seems bear's actors produce produce. eam = d_Clean('order_date').astype('datetime64') (-df_Clean('produce_mate').ast,contains('test')) (-df_Clean('order_datetime64').astype('datetime64
0 1 2 3 4 358464 358465 358466 358467	redre_ind
<pre><class #<="" d="" data="" rangel="" td=""><td>s 'pandas.cores, frame.DataFrame'> Indices: 358469 entries, 0 to 358488 columns (total: 10 columns): Column Non-Nail Count Dtype </td></class></pre>	s 'pandas.cores, frame.DataFrame'> Indices: 358469 entries, 0 to 358488 columns (total: 10 columns): Column Non-Nail Count Dtype
0 1 2 3 4 12039 12040 12041 12042 12043	Section Sect
0 1 2 3 4 12039 12040 12041 12042 12043	poperator import attropeter er_conthly('period_num') = idf_user_monthly('pear_monthly('cahort')).apply(attropeter('n')) + 1 customer.ld year_month order_cnt
period_ co 201 201 201 201 201 201 201 201 201 201	Name
cohort cohort 2010-0 2010-0 2010-0 2010-0 2010-0 2010-0 2010-1 2010-1 Freq:	01 713.0 02 461.0 03 528.0 04 326.0 05 274.0 06 266.0 07 179.0 08 160.0 09 227.0 10 362.0 11 327.0
period_ co 201 201 201 201 201 201 201 201 201 201	Park
# pip # pip import import import import import import # si a:	install marploriib install marploriib install seaborn t matplotlib.colors as modors t seaborn as sas sns.axes_style('white'); iq, ax = plt.subplots(1, 2, figsize=(12, 8), sharey=True, gridspec_kv=('width_ratios':{1, 11}}) user retention cohort as.heatmap(df_retenion_cohort, annot=True, fnt='.0%', cmap='RdYlGn', ax=ax[1]) x(1).set_title('User Retenition Cohort.') x(1).set_title('User Retenition Cohort.') x(1).set_title('User Retenition Cohort.') x(1).set_title('Oser Retenition Cohort.') x(1).set_title(oser Retenition Cohort.') x(1).set_title(oser Retenition Cohort.') x(1).set_title(oser Retenition Cohort.') x(1).set_title(oser Retenition Cohort.') x(2).set(x(abel='Cohort_Size', y)
2010-0 2010-0 2010-0 2010-0 2010-0 2010-0 2010-0 2010-0 2010-1	10 713 100% 29% 47% 48% 43% 43% 43% 43% 30% 40% 45% 43% 45% 43% 45% 43% 45% 45% 45% 45% 45% 45% 45% 45% 45% 45
Pengo Cohor Selain Sayan	isis hasil Visualisasi guna paling banyak pertama kali melakukan transaksi pada bulan Januari 2010 sebanyak 713 Pengguna. rt pengguna tersebut yang paling banyak melakukan transaksi kembali di bulan ke-2 sebanyak 39% retention rate dibanding cohort yang lain. n itu, chort menampilkan orang yang paling loyal melakukan transaksi selama bulan-bulan berikutnya dengan retention rate kurang lebih 40% keatas. ngnya, sebagian besar pengguna tidak kembali melakukan transaksi, hal tersebut terlihat dari retention rate dibanyak cohort dan bulan yang nilainya tidak mencapai 50%. ang paling mengkhawatirkan, retention rate di bulan Desember 2010 menjadi yang paling rendah untuk semua cohort pengguna dibanding bulan-bulan sebelumnya.