print print df.he	<pre>h-level overv (df.shape) (df.dtypes) (df.info()) ad(10)</pre>	_ (an		T C T O 11		
start start start	ime _station_id _station_name _station_lati _station_long	tude	int64 object object float64 object float64 float64				
end_si end_si end_si end_si end_si bike_: user_i membe: membe: dtype <class< th=""><th>tation_id tation_name tation_latitu tation_longit id</th><th>nde Lude _trip re.frame.</th><th>float64 object float64 float64 int64 object float64 object object</th><th>1</th><th></th><th></th><th></th></class<>	tation_id tation_name tation_latitu tation_longit id	nde Lude _trip re.frame.	float64 object float64 float64 int64 object float64 object object	1			
# 0 0 1 1 2 2 3 3 4 5 5 6 5 6 7 8 8 9 6 9 10 6 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	columns (total Column duration_sec start_time end_time start_station start_station start_station end_station_i end_station_l end_station_l end_station_l bike_id user_type member_birth_ member_gender bike_share_fo s: float64(7) y usage: 22.4	id name latitud longitud dame atitude ongitude year alltr int64	Non-Null 183412 n 183412 n 183412 n 183215 n 183215 n 183412 n	on-null	object object float64 object float64 float64 float64 object float64 int64 object float64 object		
None dur 0 1	52185 2019 17:32:1 42521 2019 18:53:2 61854 2019 12:13:1	9-02-28 21.7890 06 9-02-28 13.2180 05	2019-03-01 :01:55.9750 2019-03-01 :42:03.0560 2019-03-01 :24:08.1460	_station_id 21.0 23.0 86.0	Montgomery St BART Station (Market St at 2nd St) The Embarcadero at Steuart St Market St at Dolores St	37.789625 37.791464 37.769305	-122.400811 -122.391034 -122.426826
3 4 5 6 7	17:54:2 1585 2019 23:54:1 1793 2019 23:49:5 1147 2019 23:55:3 1615 2019 23:41:0	9-02-28 18.5490 00 9-02-28 58.6320 00 9-02-28 85.1040 00 9-02-28 9-02-28 9-02-28	2019-03-01 :19:51.7600 2019-03-01 :14:42.5880 2019-03-01 :08:02.7560	375.0 7.0 93.0 300.0	Grove St at Masonic Ave Frank H Ogawa Plaza 4th St at Mission Bay Blvd S Palm St at Willow St Washington St at Kearny St Washington St at	37.774836 37.804562 37.770407 37.317298 37.795393	-122.446546 -122.271738 -122.391198 -121.884995 -122.404770
df.de	1049 23:41:4 1049 2019 23:49:4 criptive stat scribe()	48.7900 00 9-02-28 47.6990 00 cistics	n_id start_statior		start_station_longitude er		-122.404770 -122.403452 ation_latitude end_sta
mean std min 25% 50% 75% max	726.078435 1794.389780 61.000000 325.000000 514.000000 796.000000 85444.000000	138.590 111.778 3.000 47.000 104.000 239.000	0427 3 3864 0000 3 0000 3 0000 3	37.771223 0.099581 37.317298 37.770083 37.780760 37.797280 37.880222	-122.352664 0.117097 -122.453704 -122.412408 -122.398285 -122.286533 -121.874119	136.249123 111.515131 3.000000 44.000000 100.000000 235.000000 398.000000	37.771427 0.099490 37.317298 37.770407 37.781010 37.797320 37.880222
of.duj 0 # Che df.nu	_	um ()	4752 183401 183397				
start start start end_s end_s end_s end_s bike_ user_ membe	_station_id _station_name _station_lati _station_long tation_id tation_name tation_latitu tation_longit id type r_birth_year	tude ritude ude	329 329 334 335 329 329 335 335 4646 2				
bike_s dtype # Che df.iss durats start end_ts start		y values	3 2 0 0 0 197 197				
start start end_s end_s end_s end_s bike_: user_i membe: bike_s	_station_lati _station_lati _station_long tation_name tation_latitu tation_longit id type r_birth_year r_gender share_for_all	tude itude ide ude	0 0 197 197 0 0 0 0 8265 8265				
df =	<pre>df[~ (df['sta df[~ (df['mem df.query('mem eek_day'] = day = ['Monday</pre>	art_stati aber_birt aber_birt df['start	<pre>ion_id'].isnu th_year'].isn th_year > 193 t_time'].dt.d sday', 'Wedne</pre>	<pre>aull())] aull() aull()</pre>	<pre>nd_time': 'datetim df['member_gender') Thursday', 'Friday e(ordered = True,</pre>].isnull())] ', 'Saturday',	'Sunday']
df['woodf['south df['ddf['moodf.issundurate	<pre>eek_day'] = d tart_hour'] = uration_minut ember_age'] = null().sum() ion_sec</pre>	df['week_ = df['sta	_day'].astype art_time'].dt df['duration_ df['member_b	e(weekday	_classes)	categories = wee	ekday)
start end_t: start start start end_s: end_s: end_s: bike_:	_time _time ime _station_id _station_name _station_lati _station_long tation_id tation_name tation_latitu tation_longit	tude ritude ude	0 0 0 0 0 0 0				
week_dmember member week_dmonth start durate member dtype	type r_birth_year r_gender share_for_all day _hour ion_minutes r_age : int64	_trip	0 0 0 0 0 0 0		j+;		
print print df.he (17478 durat: start end_t: start start	ime _station_id _station_name		in datetime64[datetime64[floa obj	t64 ns] ns] t64 ect	LCLON		
start start end_si end_si end_si end_si bike_i user_i member bike_si	_station_name _station_lati _station_long tation_id tation_name tation_latitu tation_longit id type r_birth_year r_gender share_for_all	tude itude ide ude	obj floa floa floa obj floa in obj floa obj	ect t64 t64 t64 ect t64 t64 ect t64 ect			
bike_s week_d month start durats membes dtype <class #="" 0<="" d="" data="" int64:="" td=""><td>share_for_all day _hour ion_minutes r_age : object s 'pandas.cor Index: 174785 columns (tota Column duration_sec</td><td>e.frame. entries</td><td>obj categ obj in floa floa .DataFrame'> s, 0 to 18341 lumns): Non-Null </td><td>ect ory ect t64 t64 t64</td><td> int64</td><td></td><td></td></class>	share_for_all day _hour ion_minutes r_age : object s 'pandas.cor Index: 174785 columns (tota Column duration_sec	e.frame. entries	obj categ obj in floa floa .DataFrame'> s, 0 to 18341 lumns): Non-Null 	ect ory ect t64 t64 t64	 int64		
0 0 1 2 3 4 5 5 6 5 7 8 8 9 10 6	duration_sec start_time end_time start_station start_station start_station start_station end_station_n end_station_n end_station_l end_station_l end_station_l	_id _name _latitud _longitu .d .ame .atitude	174785 n	on-null	int64 datetime64[ns] datetime64[ns] float64 object float64 float64 float64 float64 float64 float64		
11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	bike_id user_type member_birth_ member_gender bike_share_fo week_day month start_hour duration_minu member_age s: category(1	year or_all_tr etes), datet	174785 n 174785 n 174785 n 174785 n 174785 n 174785 n 174785 n 174785 n 174785 n	on-null	<pre>int64 object float64 object object category object int64 float64</pre>	ject(6)	
dtype: memory None	s: category(1 y usage: 28.2 uration_sec sta 52185 201 17:32	rt_time 9-02-28 2:10.145 08	cime64[ns](2)	, float6 station_id 21.0			t_station_longitude e -122.400811 -122.426826
3 4 5 6	12:13 36490 201: 17:54 1585 201: 23:54 1793 201: 23:49 1147 201: 23:55	9-02-28 2 9-02-28 2 :26.010 04 9-02-28 2 :18.549 00 9-02-28 2 :58.632 00 9-02-28 2 :35.104 00 9-02-28 2	2019-03-01 1:02:36.842 2019-03-01 0:20:44.074 2019-03-01 0:19:51.760 2019-03-01 0:14:42.588 2019-03-01	375.0 7.0 93.0 300.0	Grove St at Masonic Ave Frank H Ogawa Plaza 4th St at Mission Bay Blvd S Palm St at Willow St Washington St at	37.774836 37.804562 37.770407 37.317298	-122.446546 -122.271738 -122.391198 -121.884995
7 8 9	1615 23:41 1570 201: 23:41 1049 201: 23:49 458 201: 23:57	:06.766 00 9-02-28 2 :48.790 00 9-02-28 2 :47.699 00 9-02-28 2	2019-03-01 0:08:02.756 2019-03-01 0:07:59.715 2019-03-01 0:07:17.025 2019-03-01 0:05:35.435	10.0 10.0 19.0 370.0	Washington St at Kearny St Washington St at Kearny St Post St at Kearny St Jones St at Post St	37.795393 37.795393 37.788975 37.787327	-122.404770 -122.404770 -122.403452 -122.413278
What The da The da • Me • Me	taset contains the ember Year of Bir ember Gender	ormation a ese key col	bout individual rid lumns:		n a bike-sharing system o	covering the greater S	San Francisco Bay aı
UsTriBikStaEnStaEnSta	er Type (Subscrib p Duration(in sec ke ID ke Share for All To art Time and Time art Station ID and Station Name and Station Name	onds) rip	.)				
EnStaSta What I a	nd Station Latitude and Station Longiture art Station Latitude art Station Longiture art	de le ude ain feat i		_	your dataset? e week, hours of the day,	trip duration, user ty	pe, user age, and ge
What interes	features in t	th oer or Cust	-	hink will	help support you	r investigation i	into your featur
Numb num_b print print	per of bike trips_week('Number of bike_trips_week('Number of bike_trips_week)	ips used ek = df[bike trip rps_week)	d per week d 'week_day'].v ps used per w	ralue_cou reek day:			
sns.coplt.t	ountplot (data itle('\nNumbe y = 1.07 fontsize fontweig label('Week of fontsize labelpa label('Number	a = df, 2 er of bil de = 18, ght = 'bo days', se = 18, ad=30) c of bike se = 18,	x = 'week_day ke trips used old')		k day',		
Thursday Wednes Friday Monday Sunday Saturd Name:	labelpa r of bike tri	ps used	:64	:			
	0, 0.5, 'Numb	of bi	-	umber o	f bike trips used po	er week day	
Number of bike trips	20000 15000 10000						
	5000						
	0 Mond	chart, l've			Week days Week days er of bike trips is highe Sunday) in San Francis	r on work days (Mo	Saturday Sun
Distri	he previous barday, Friday) and ibution of bik ike_trips_hou ('Distribution (num_bike_trice) ist (data = dfitle('\nDistribution y = 1.07 fontsize	chart, I've lower on v (e trips ar = df[bn of bill ps_hour; b, x = 's cibution (e = 18,	e concluded that weekends days (used per day 'start_hour'] ke trips used .sort_values(start_hour', of bike trip	the numb (Saturday, / hour .value_cl per day)) bins = n	Week days er of bike trips is highe Sunday) in San Francis	r on work days (Mo sco.	
Distri num_b print print plt.h plt.x plt.x plt.y	he previous bar day, Friday) and libution of bik ike_trips_how ('Distribution (num_bike_trips) ist (data = dfitle('\nDistribution of the label ('Number fontsize label particle) label particle ('Number fontsize label particle) label particle of the label particle o	chart, I've lower on v (e trips ar = df[on of bil ps_hour. f, x = 's cibution (e = 18, ad=30) c of bike ce = 18, ad=30)	econcluded that weekends days (used per day 'start_hour'] ke trips used .sort_values(start_hour', of bike trip old') +2,1))	the numb (Saturday, / hour .value_c l per day ()) bins = n s used p	Week days er of bike trips is highe Sunday) in San Francis ounts() hour:') p.arange(0,23+2,1) er day hour',	r on work days (Mo sco.	
Distriction num_b print print plt.h plt.x plt.x plt.y Distriction 2 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	he previous barday, Friday) and ibution of bik ike_trips_hou ('Distribution ('Distribution of bit itle ('\nDistribution of bit itle ('Number fontsized believed) abeliabely aribution of bit itle ('Number fontsized believed) abeliabely aribution of bit itle ('Number fontsized believed) as so the same aribution of bit itle ('Number fontsized believed) as so the same aribution of bit itle ('Number fontsized believed) as so the same aribution of bit itle ('Number fontsized believed) as so the same aribution of bit itle ('Number fontsized believed) as so the same aribution of bit itle ('\nDistribution of bit itle ('\nDistri	chart, I've lower on v (e trips ar = df[on of bil ps_hour. f, x = 's cibution (e = 18, ad=30) c of bike ce = 18, ad=30)	econcluded that weekends days (used per day 'start_hour'] ke trips used .sort_values(start_hour', of bike trip old') +2,1))	the numb (Saturday, / hour .value_c l per day ()) bins = n s used p	Week days er of bike trips is highe Sunday) in San Francis ounts() hour:') p.arange(0,23+2,1) er day hour',	r on work days (Mo sco.	
Distri num_b print print plt.h plt.x plt.x plt.y Dist: 3 4 2 1 5 0 23 22 6 21 20 11 14 10 13 12 15 19 7 16 9 18 8 17	he previous bar day, Friday) and dibution of bik ike_trips_how ('Distribution (num_bike_triist (data = dfitle ('\nDistribution of the fontsize fontweighticks (np. arandabel ('Number fontsize labelpath) label ('Number fontsize labelpath) ribution of the 164 227 355 525 866 892 1572 2793 3289 4399 6210 7452 7657	chart, I've lower on v (e trips or = df[] on of bild ps_hour f, x = 's cibution f, x = 's cibution f, x = 18, ght = 'bo nge (0, 23- of day', ce = 18, nd=30) cof bike ce = 18, nd=30) cike trip	econcluded that weekends days (used per day 'start_hour'] ke trips used .sort_values(.start_hour', of bike trip old') +2,1)) e trips', os used per d	the numb (Saturday, / hour .value_c l per day ()) bins = n s used p	Week days er of bike trips is highe Sunday) in San Francis ounts() hour:') p.arange(0,23+2,1) er day hour',	r on work days (Mo sco.	
Distri num_b print print print plt.h plt.x plt.y Dist: 3 4 2 1 5 0 23 22 6 21 20 11 14 10 13 12 15 19 7 16 9 18 8 17 Name: Text(0)	he previous bar day, Friday) and libution of bik ike_trips_how ('Distribution (num_bike_trips_tick) (num_bike_	chart, I've lower on v (e trips ar = df[on of bild ps_hour: f, x = 's cibution (e = 18, ad=30) cof bike (e = 18, ad=30) cof bike trip cof bike cof	econcluded that weekends days (used per day 'start_hour'] ke trips used .sort_values(.start_hour', of bike trip old') +2,1)) e trips', os used per d	the numb (Saturday, / hour .value_cl per day)) bins = n os used p	Week days er of bike trips is highe Sunday) in San Francis ounts() hour:') p.arange(0,23+2,1) er day hour',	r on work days (Mosco.	
Distri num_b print print print plt.h plt.x plt.x plt.y Dist: 3 4 2 1 5 0 23 22 6 21 20 11 14 10 13 12 15 19 7 16 9 18 8 17 Name:	he previous bar day, Friday) and bution of bik ike_trips_how ('Distribution (num_bike_triist (data = dfitle ('\nDistribution of the itle ('\nDistribution of the itle ('\nDistribution of the itle ('Number fontsize labelpartibution of the itle ('Number fontsize	chart, I've lower on v (e trips ar = df[on of bild ps_hour: f, x = 's cibution (e = 18, ad=30) cof bike (e = 18, ad=30) cof bike trip cof bike cof	econcluded that weekends days (used per day 'start_hour'] ke trips used .sort_values(.start_hour', of bike trip old') +2,1)) e trips', os used per d	the numb (Saturday, / hour .value_cl per day)) bins = n os used p	Week days er of bike trips is highe Sunday) in San Francis ounts() hour:') p.arange(0,23+2,1) er day hour',	r on work days (Mosco.	
District num_b	he previous barday, Friday) and sibution of bik ike_trips_how ('Distribution (num_bike_triist (data = dfitle('\nDistribution of fontsize fontweighticks (np.aranlabel ('Hour of fontsize labelpath) abelpath in the fontsize labelpath in the fontsize label	chart, I've lower on ve (e trips Ir = df[In of bild In ps_hour If x = 's In e s In e	e concluded that weekends days used per day 'start_hour'] ke trips used .sort_values(.start_hour', of bike trip old') +2,1)) e trips', os used per d 4 5 6	tribution tribution ay hour:	week days er of bike trips is highe Sunday) in San Francis ounts() hour:') p.arange(0,23+2,1) er day hour',	per day hour	nday, Tuesday, Wed
Distri num_b print print print print plt.x plt.x plt.x plt.x plt.y Distri 3 4 2 1 5 0 23 22 6 21 20 11 4 10 13 12 15 19 7 16 9 18 8 17 Name: Text(0) Ages	he previous barday, Friday) and sibution of bik ike_trips_how ('Distribution (num_bike_triist (data = dfitle('\nDistribution of bit iteks (np.aranlabel ('Number fontsiz labelpation of bit 164 227 355 525 866 892 1572 2793 3289 4399 6210 7452 7657 7964 8075 8213 8621 9418 10226 13454 15196 16104 20218 20895 start_hour, 0, 0.5, 'Number fontsiz labelpation of bit items of the previous hist items of	chart, I've lower on v (e trips Ir = df[In of bild In ps_hour It, x = 's Is = 18, Ind=30) It of bike It = 18, Ind=30) It is e = 18, Ind=30 It is e = 18, Ind=30 It is e = 18,	concluded that weekends days used per day 'start_hour'] ke trips used .sort_values(.sort_values(.start_hour', .of bike trip old') +2,1)) e trips', os used per d trips member_age'].v ort_values()) nember_age', .ution of bike	tribution tribution at the distribution bins = n bins = n	Week days er of bike trips is highe Sunday) in San Francis ounts() hour:') p.arange(0,23+2,1) er day hour', 10 11 12 13 14 Hour of day ibution of bike trips used	per day hour 15 16 17 18 ed per day hour is p	nday, Tuesday, Wed
Distri num_b print print print plt.x plt.x plt.x plt.y Ages	he previous bar day, Friday) and distribution of bild ike_trips_how ('Distribution (num_bike_triist (data = dfitle ('\notsize fontsize fontsize fontsize label ('Number fontsize label) and distribution of bild day and distribution of bild day and distribution distri	chart, I've lower on v ce trips Ir = df[In of bild In shour It = 18, Ind = 18, Ind = 30) It = 18, Ind = 30) It = 18, Ind = 30 It = 18, It = 18	concluded that weekends days (used per day 'start_hour'] ke trips used .sort_values(.start_hour', of bike trips old') +2,1)) e trips', concluded that trips member_age'].v or concluded that ike trips') Dis or concluded that trips concluded that ike trips')	tribution tribution tribution at the distribution at the distribution at the distribution tribution tribution tribution tribution tribution tribution tribution tribution tribution	Week days er of bike trips is highe Sunday) in San Francis ounts () hour:') p.arange (0, 23+2, 1) er day hour', Hour of day ibution of bike trips used	per day hour 15 16 17 18 ed per day hour is p	nday, Tuesday, Wed
Distri num_b print print print print plt.x	he previous barday, Friday) and sibution of bild ike_trips_how ('Distribution ('Distribution of bild ite ('\nDistribution of bild it	chart, I've lower on v (e trips IT = df[IT =	concluded that weekends days used per day 'start_hour'] ke trips used .sort_values(.start_hour', of bike trip bld') +2,1)) crips crips concluded that trips crips concluded that trips concluded that trips:	tribution value_countribution value_countribution tribution value_countribution at the distribution at the d	Week days er of bike trips is highe Sunday) in San Francis ounts () hour:') p.arange (0, 23+2, 1) er day hour', Hour of day ibution of bike trips used	per day hour 15 16 17 18 ed per day hour is p	nday, Tuesday, Wed
Distri num_b print prin	he previous bar lay, Friday) and libution of bik like_trips_how ('Distribution ('Distribution of bik like_trips_how ('Distribution of bit like ('Nounder fontsiz labelpa label ('Number fontsiz labelpa label ('Ages distribution ('Ages distribution ('Ages distribution distribution ('Ages distribution of label label ('Number fontsiz labelpa label) label ('Number fontsiz labelpa label ('Number fontsiz lab	chart, I've lower on v (e trips IT = df[IT =	concluded that weekends days used per day 'start_hour'] ke trips used .sort_values(.start_hour', of bike trips concluded that trips ember_age'].v brighter trips concluded that trips ember_age'].v for bike trips concluded that trips:	tribution tribution value_colliper day bins = n s used p ay hour: trips', 'alue_coul c'' ay hour:	Week days er of bike trips is highe Sunday) in San Francis ounts () hour:') p.arange (0, 23+2, 1) er day hour', Hour of day ibution of bike trips used	per day hour begin{align*} per day hour begin{align*} per day hour is per day hour in the per day hour is per day hour in the per day hour is per day hour in the per	nday, Tuesday, Wed
Distri num_b print prin	he previous bar day, Friday) and distribution of bilibution of bilibution of bilibution of bilibution distribution of bilibution	chart, I've lower on v (e trips IT = df[IT =	concluded that weekends days used per day 'start_hour'] ke trips used .sort_values(.start_hour', of bike trips concluded that trips ember_age'].v brighter trips concluded that trips ember_age'].v for bike trips concluded that trips:	tribution tribution value_colliper day bins = n s used p ay hour: trips', 'alue_coul c'' ay hour:	Week days er of bike trips is highe Sunday) in San Francis ounts() hour:') p.arange(0,23+2,1) er day hour', thour of day ibution of bike trips used nts() p.arange(0, df['me: + 5, 5))	per day hour begin{align*} per day hour begin{align*} per day hour is per day hour in the per day hour is per day hour in the per day hour is per day hour in the per	nday, Tuesday, Wed
Distribution Name	he previous bar day, Friday) and distribution of bilities and bilities an	chart, I've lower on ve lower on ve lower on ve lower of bil long of bil long of bil long of day', long of bike long of bi	concluded that weekends days (used per day 'start_hour'] ke trips used .sort_values(start_hour',	tribution tribution tribution at the distr	Week days er of bike trips is highe Sunday) in San Francis ounts() hour:') p.arange(0,23+2,1) er day hour', hour of day ibution of bike trips used the same of the trips used a distribution of bike trips used the same of the trips used a distribution of bike trips used a distribution of bike trips used	per day hour be trips te trips te trips	nday, Tuesday, Wed 19 20 21 22 23 Popular between 8-9) + 5, 5))
Distribution of the print print of the print	he previous bar day, Friday) and sibution of bik ike_trips_how ('Distribution (num_bike_tri) ist (data = distile ('AnDistribution of bit ist ('Number fontsiz labelpa label ('Number fontsiz labelpa ribution of bit ist (227 355 525 866 892 1572 2793 3289 4399 6210 77452 7657 7964 8075 8213 8621 9418 10226 13454 15196 16104 20218 20895 start_hour, 0, 0.5, 'Number fontsiz fon	chart, I've lower on v ce trips ce	concluded that weekends days ("start_hour"] ke trips used .sort_values(start_hour', of bike trip old') +2,1)) a trips', bs used per day interpolation of bike trips ce concluded that trips ember_age'].v of bike trips concluded that trips ce concluded that trips concluded that trips concluded that trips: concluded that trips: concluded that trips: concluded that ce trips concluded that trips: concluded that ce trips concluded that c	tribution tribution at the distr	Week days er of bike trips is highe Sunday) in San Francis ounts() hour:') p.arange(0,23+2,1) er day hour', 1 button of bike trips used a distribution of bike trips used button of bike trips used a distribution of bike trips used button of bike trips used contact trips used a distribution of bike trips used button of bike trips used contact trips used a distribution of bike trips used button of bike trips used contact trips used	per day hour be trips te trips te trips	nday, Tuesday, Wed 19 20 21 22 23 Popular between 8-9) + 5, 5))
Distribution Print plt. x Pl	he previous bar day, Friday) and dibution of bik ike_trips_how ('Doistribution of bik ike_trips_how ('Doistribution of bik ite ('\nDistry y = 1.07 fontsize fontweig ticks (np. aran label ('Number fontsize labelpa label ('Number fontsize fontsize fontsize labelpa label ('Number fontsize labelpa label ('Number fontsize fontsize fontsize fontsize fontsize fontsize fontsize fontsize labelpa label ('Number fontsize font	chart, I've lower on v ice trips ice trips ice trips ice trips ice = df ice = df ice = 18,	concluded that weekends days "start_hour", ke trips used .sort_values() start_hour', of bike trips bid') trips e trips', sused per day trips concluded that trips ember_age', tint64 dike trips') Dis for concluded that trips ember_age', trips: for concluded that trips concluded that	tribution tribution ay hour: at the distr trips', trips', trips', trips', at the ages at the ages at the ages	Week days er of bike trips is highe Sunday) in San Francis ounts () hour:') p.arange (0, 23+2, 1) er day hour', ints () p.arange (0, df['me: + 5, 5)) Age distribution of bike trips use (1.3, 0.5) , fontsiz	per day hour be a see trips see trips see trips see trips see trips see trips	nday, Tuesday, Wed 19 20 21 22 23 Popular between 8-9) + 5, 5))
Distri num_b print plt.x plt	he previous bar day, Friday) and dibution of bik ike_trips_how ('Distribution of bik ike_trips_how ('Distribution of bik ite ('Indistribution of bit ite ('Indistribution	chart, I've lower on v ce trips ar = df[concluded that weekends days used per day 'start_hour'] ke trips used sort_values() start_hour', of bike trips 'etrips', ce trips', ce trips', ce trips', ce trips' concluded that trips ce concluded that interpolation of bike ce trips ce trips ce trips ce trips: ce trips	tribution at the distr	Week days er of bike trips is higher Sunday) in San Francis ounts() hour:') p.arange(0,23+2,1) er day hour', a of bike trips used though the trips used a distribution of bike trips used the same of the trips used a distribution of bike trips used a distribution of bike trips the same of the trips used a distribution of bike trips the same of the trips used a distribution of bike trips the same of the trips used a distribution of bike trips the same of the same of the trips the same of	per day hour be a see trips see trips see trips see trips see trips see trips	nday, Tuesday, Wed 19 20 21 22 23 Popular between 8-9) + 5, 5))
Distribution Plant plant print plant plan	he previous bar day, Friday) and dibution of bik ike_trips_how ('Distribution of bik ike_trips_how ('Distribution of bik ite ('Indistribution of bit ite ('Indistribution	chart, I've lower on v ce trips ar = df[concluded that weekends days used per day 'start_hour', de trips used sort_values sort_values sort_values of bike trip trips concluded that trips concluded that trips concluded that int64 ike trips') Dis concluded that ike trips') concluded that ike trips') concluded that itrips concluded that conc	tribution at the distr	Week days er of bike trips is higher Sunday) in San Francis ounts() hour:') p.arange(0,23+2,1) er day hour', a of bike trips used though the trips used a distribution of bike trips used the same of the trips used a distribution of bike trips used a distribution of bike trips the same of the trips used a distribution of bike trips the same of the trips used a distribution of bike trips the same of the trips used a distribution of bike trips the same of the same of the trips the same of	per day hour be a see trips see trips see trips see trips see trips see trips	nday, Tuesday, Wed 19 20 21 22 23 Popular between 8-9) + 5, 5))
Distribution Plant plant print plant plan	he previous bar day, Friday) and dibution of bik ike_trips_how ('Distribution of bik ike_trips_how ('Distribution of bik ite ('Indistribution of bit ite ('Indistribution	chart, I've lower on v ce trips ar = df[concluded that weekends days used per day 'start_hour', de trips used sort_values sort_values sort_values of bike trip trips concluded that trips concluded that trips concluded that int64 ike trips') Dis concluded that ike trips') concluded that ike trips') concluded that itrips concluded that conc	the numb (Saturday, / hour .value_c liper day)) bins = n s used p ay hour: at the distr at the distr at the distr at the ages at the ages findex, anchor= ke trips / hour	Week days er of bike trips is highe Sunday) in San Francis ounts() hour:') p.arange(0,23+2,1) er day hour', thour of day ibution of bike trips used as distribution of bike trips the strips is highe strips is highe Sunday ounts() p.arange(0,23+2,1) as distribution of bike trips ibution of bike trips used as distribution of bike trips ibution of bike t	per day hour is part of the properties of the pr	nday, Tuesday, Wed page 20 21 22 23 popular between 8-9 with the age group I
Thurse Distri num_b print pr	he previous bar lay, Friday) and libution of bik ike_trips_how ('Distribution (ID) iteribution (ID) iteribut	chart, I've lower on v ice trips if e df [in of bil in ps hour in e 18, in de y in e 18, in e 18,	deconcluded that weekends days	the numb (Saturday, / hour .value_calleday) bins = n sused p ay hour: tribution tribution at the distr alue_cou bins = n trips', trips', at the ages at the ages calue_ci bins = n trips', at the ages at the ages calue_ci bins = n trips', anchor= ke trips of bike to anchor= ke trips	Week days er of bike trips is highe Sunday) in San Francis ounts() hour:') p. arange(0, 23+2,1) er day hour', hour of day ibution of bike trips used a distribution of bike trips trips') rips Female 2.1% Othe	r on work days (Mosco. per day hour bet age') max (age trips set trips set trips age 18)	niday, Tuesday, Wed
Thurse Distri num_b print pr	he previous bar lay, Friday) and ibution of bik ike trips hou ('Distributic (numbike trist	chart, I've lower on v long f bil long hour; long f (0, 23) long f (0, 23)	concluded that weekends days (used per day 'start_hour'] ke trips used (start_hour', of bike trips chid') chid') chid') chid trips chi	the numb (Saturday, / hour .value_c i per day)) bis sed sused p tribution ay hour: tribution falue_cou etrips', at the distr alue_cou etrips', trips:') index, anchor= ke trips of bike trips of bike trips of bike trips the gender ue_count	week days or of bike trips is highe Sunday) in San Francis ounts() hour:') p.arange(0, 23+2,1) or day hour', of bike trips used of bike trips used the trips used a distribution of bike trips used a distribution of bike trips trips rips rips rips charange(0, df['mee + 5, 5)) charange(0, df['mee + 5, 5)) charange(0, df['mee - 4, 5, 5)) charange(0, df['mee - 5, 5)) charange(0, df['mee - 6, 5) charange(0, df['mee - 7, 5) charange(0, df['mee - 8, 5) charange(0, df['mee - 9, 6) charange(0, df['mee - 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	r on work days (Mosco. per day hour bet age') max (age trips set trips set trips age 18)	niday, Tuesday, Wed
Thurst Distri num_b print pr	he previous bar lay, Friday) and lay, Friday) and libution of bik ike_trips_how ('Distribution of control of the previous hist (ata = ditie ('North of the previous hist ('Ages distribution of the	chart, I've lower on v is the strips of the	concluded that weekends days (used per day start hour', controvalues(start hour', of bike trip cld') trips cut trips', cut trips', cut trips', cut trips' concluded that cut trips cut trips: cut trips cut trips: cut trips:	the numb (Saturday, hour value of the distribution ay hour: tribution at the distribution trips', trips', at the ages at the ages at the ages at the ages trips', anchor = ke trips f bike trips anchor = ke trips trips', anchor = ke trips', anchor = ke trips' trips', anchor	r of bike trips is highe Sunday) In San Francis ounts() hour:') p.arange(0,23+2,1) er day hour', of bike trips used of bike trips used of bike trips used trips() p.arange(0, df['me: + 5, 5)) it distribution of bike trips trips') rips characteristic trips used of distribution of bike trips trips') rips characteristic trips used ounts() (1.3,0.5) , fontsiz (1.3,0.5) , fontsiz characteristic trips') ounts() (1.3,0.5) , fontsiz characteristic trips') ounts() (1.3,0.5) , fontsiz ounts() (1.3,0.5) , fontsiz	per day hour is per day hour i	niday, Tuesday, Wed
Thurson Thurson Distri num_b print prin	he previous bar day, Friday) and bution of bik ike trips hou ('Distribution ('Init bution ('Init but	chart, I've lower on w the trips the trips	concluded that weekends days used per day 'start_hour'] kstrtpour's cort_values (sort_values (sort_bour', of bike trip cold') cortine concluded that int64 ike trips') Dis concluded that int64 ike trips' concluded that int64 ike trips: concluded that int64 ike trips: concluded that concluded that concluded that int64 ike trips: concluded that	the numb (Saturday, (hour value_day)) bins = n sused p ay hour: tribution tribution at the distr alue_cou trips', at the ages at the ages trips', at the ages at the ages trips', at the ages at the	Week days er of bike trips is highe Sunday in San Francis counts () hour:') p, arange (0, 23-2, 1) er day hour', of bike trips used a of bike trips used the trips used a distribution of bike trips used a distribution of bike trips trips') rips trips') rips classify trips') rips a distribution of bike trips trips') rips classify trips' classify trips' classify trips' rips classify tri	per day hour is per day hour i	niday, Tuesday, Wed
Thurson Thurson Distri num_b print prin	he previous bar day, Friday) and bution of bik ike trips hou ('Distribution ('Init bution ('Init but	chart, I've lower on w the trips the trips	concluded that weekends days used per day 'start_hour', 'start_hour', of bike trips continues () continues (the numb (Saturday, (hour value_day)) bins = n sused p ay hour: tribution tribution at the distr alue_cou trips', at the ages at the ages trips', at the ages at the ages trips', at the ages at the	Week days er of bike trips is highe Sunday) in San Francis ounts () hours' p, arange (0, 23-2, 1) er day hour', Hour of day ibution of bike trips use a distribution of bike trips its () p, arange (0, df ['nec a distribution of bike trips its () y classify its () (1.3, 0.5) , fontsiz its () (1.3, 0.5) , fontsiz (1.3, 0.5) , fontsiz (1.3, 0.5) , fontsiz (1.3, 0.5) , fontsiz	per day hour is per day hour i	niday, Tuesday, Wed
Thurson Thurson Distri num_b print prin	he previous bar lay, Friday) and bution of bile ike trips how (*Distribution ike trips thou (*Distribution ite trips thou (*Distribution ite trips thou (*Distribution ite trips thou (*Indistribution ite trips ite tri	chart, I've lower on w the trips the trips	concluded that weekends days used per day 'start_hour', 'start_hour', of bike trips continues () continues (the numb (Saturday, (hour value_day)) bins = n sused p ay hour: tribution tribution at the distr alue_cou trips', at the ages at the ages trips', at the ages at the ages trips', at the ages at the	Week days er of bike trips is highe Sunday) in San Francis ounts () hours' p, arange (0, 23-2, 1) er day hour', Hour of day ibution of bike trips use a distribution of bike trips its () p, arange (0, df ['nec a distribution of bike trips its () y classify its () (1.3, 0.5) , fontsiz its () (1.3, 0.5) , fontsiz (1.3, 0.5) , fontsiz (1.3, 0.5) , fontsiz (1.3, 0.5) , fontsiz	per day hour is part of the property of the pr	anday, Tuesday, Wed propular between 8-9 p
From to Solita syling to Jaguard Manuer Print Pr	he previous harding in the previous hist it is to it is t	chart, I've clower on w the trips The first of bilt ps hour is a 18, ps	concluded that weekends days used per day "start hour'] ksort values() start hour', festrips used start hour', for bike trips bld') trips concluded that trips member age', trips: concluded that trips member age', trips: fe concluded that trips concluded that trips: concluded that concluded t	the numb (Saturday, / hour .value_day b) in set sused p ay hour: ay hour: tribution tribution tribution Ages at the distr alue_cou birs=n, city .max () at the ages of bike trips: of bike trips: index, anchor= ke trips: of bike trips: index, anchor= f bike tr	week days or of bike trips is highe Sunday) in San Francis ounts () p.arange (0, 23-2, 1) et day hour', thour of day ibution of bike trips use distribution of bike trips ibution of bike trips ibution of bike trips cust it is trips', female 2.1% Che Cust	per day hour per day hour is	males, while female are male are males, while female are males.
True to the true true true true true true true tru	he previous hard he previous bard alay, Friday) and button of bile ike_trips_hot ('Dustribute tri ide trips_hot ('Interpet trip	chart, I've lower on to detrips creating a sign of bild creating a sign of bild creating a sign of bild control of bild	concluded that weekends days used per day used per day start_hour', of bix trips used start bour', of bix trips concluded that trips: concluded that concluded	the numb (Saturday, / hour .value of live of bits at the distr at the district at the district at the distric	Week days or of bike trips is highe Sunday) in San Francis ounts () hour: ') p.arange (0, 23+2, 1) of bike trips used the day hour', and the trips used and the	per day hour is per day hour i	are subscriber, while female er
From to Solution Print to Solu	he previous bar lay, Friday) and lay, Friday and lay, Fri	chart, I've lower on w ce trips ce	concluded that weekends days used per day start hours start hours start hours control start hours start hours control start hours start hours control start hours	the pumb (Saturday, hour value of year year year year year ay hour: by hour hour ay hour: ay hour: ay hour by	Week days er of bike trips is highe Sunday) in San Frencis counts () hour: () p. arange (0, 23-2, 1) er day hour', a of bike trips used the bike trips used a distribution of bike trips be distribution of bike trips c distribution of bike trips trips () trips () c distribution of bike trips c distribution	per day hour per day hour set trips age '] . max (age ']	e ale er males, while female are subscriber, while age group is sometiment.
From to Solution Print for the Content of Solution Print for the Content o	he previous barday for the previous has the distribution of bill itself of the previous has the previous hist for the previous hist	chart, l've lower on ve lower	concluded that weekends days used per day 'start hour's start hour's for bike trips start hour', or bike trips inted trips concluded that trips concluded that trips concluded that strips concluded tha	the numb (Saturday, (hour value of value of value of stribution tribution tributio	Week days er of bike trips is highe Sunday in San Francis counts () hours') p. arange (0, 23+2, 1) and of bike trips used the distribution of bike trips arange (0, df 'ner the sunday, Wednesday, Trips arange (0, df 'ner the sunday, Wednesday, Trips for distribution of bike trips arange (3, df 'ner the sunday, Wednesday, Trips trips for distribution of bike trips cultips') rips Female 2.1% Cust (1.3, 0.5) , fontsiz cultips') etrips for distribution of bike trips cultips') trips Cust (1.3, 0.5) , fontsiz cultips') etrips Cust (1.3, 0.5) , fontsiz cultips') etrips cultips') p. arange (0, df 'ner distribution of bike trips cultips')	per day hour is per day for any of the ready and per day for any of the ready and per day. Friday) and per day, Friday) and per day hour is per day, Friday) and per day hour is per day, Friday) and per day, Friday) and per day, Friday) and per day hour is per day, Friday) and per day hour is per	e ale er males, while female are subscriber, while age group is sometiment.
From to Salary and the state of	he previous bar lay, Friday) and the previous bar lay, Friday) and the previous has the distribution ('Distribution') ('Distribution') ('Bours') ('Bours') ('Bours') ('Control') ('Control') (Control') (Control'	chart, I've lower or	concluded that weekends days used per day 'start hour'; ke trips used sort values () sort valu	the numb (Saturday, hour value of the distribution value count valu	week days er of bike trips is highe Sunday) in San Francis sounta() hour() parange(0,23-2,1) to of bike trips used to of bike trips u	per day hour per day hour per day hour is p abez age 1nax ()	e ale er males, while female are subscriber, while age group is sometiment.
From to Subscript the politic	the previous bar lay, Friday and lay, Friday a	chart, I've lower on ve lower	concluded that weekends days is used per day 'start hour'; tetrips used sort values', of bike trips bid') strips', strips', strips', strips', strips', strips', strips' strip	the numb (Saturday, / hour .value_c .perday) house n .value_c .perday) his = n .value_c .perday .perday .phinax()	wheek days of bike trips is highe Sunday in San Francis ounts () hours') parange (0, 23+2, 1) at any hour', parange (0, df ['me trips') in a distribution of bike trip trips') trips', tri	per day hour per day hour per day hour is p abez age 1nax ()	e ale er males, while female are subscriber, while age group is sometiment.
From to Subscript the politic	the previous birstay, Friday) and ibution of bile its rips show ("Distribution find its and ibution of bile its rips show ("Distribution of the find its rips show its rip	chart, I've lower on ve lower	concluded that weekends days used per day 'start hour', 's	the numb (Saturday, hour value valu	wheek days of bike trips is highe Sunday in San Francis ounts () hours') parange (0, 23+2, 1) at any hour', parange (0, df ['me trips') in a distribution of bike trip trips') trips', tri	per day hour is posed	e ale er
From to Subscript the politic	the previous bar lay, Friday) and the previous bar lay, Friday) and the previous bar lay, Friday) and the previous properties of the previous previous properties of the previous properties of the previous previous previous properties of the previous previous previous previous previous previ	chart, I've lower on ve lower	concluded that weekends days used per day 'start hour', 's	the numb (Saturday, hour value valu	week days For this trips is light Sunday in San Francis Counts () Counts	per day hour is posed	e ale er
From to Solution of the Control of t	types distribution distribution from previous plants from previ	chart, I've chart	concluded that weekends days used per day 'start hour', of bixert hour', of bixert's start bixert's concluded that trips concluded that trips concluded that trips concluded that trips concluded that trips concluded that trips concluded that trips concluded that trips concluded that concluded that trips concluded that trips concluded that concl	the user to state a distribution of bike to state a distributi	week days For this trips is light Sunday in San Francis Counts () Counts	per day hour is poser age 1 3. max (age 1 3. max (but age 1 3. max	e and a subscriber while female are subscriber where mer are subscriber while female are subscriber while female are subscriber and subscriber are subscribe
From to Subscribe the set of S	the previous bar and the previous pictures of the previous history of the previous hi	chart, I've chart	concluded that weekends days used per day 'start_hour'] fe.sort_hour'] fe.sort_hour', of bite trips attrips corriging inter trips concluded that trips concluded that trips concluded that trips concluded that fe.sort_values(), attrips: concluded that for concluded that for concluded that for concluded that concluded that concluded that concluded that for concluded that	the numb (Saturday, 'Anour'	Wheek days For the trips is higher For the trips used For the t	per day hour is per day hour i	e and a subscriber while female are subscriber where mer are subscriber while female are subscriber while female are subscriber and subscriber are subscribe
From to Subscriber to Subscribe to Subscriber to Subscribe to Subscriber to Subscribe to Subscribe to Subscribe to Subscribe to Subscriber to Subscribe to Subscriber to Subscribe to Subscri	he previous bar lay, Friday) and button of bile tick try fiday and tic	chart, I've chart	concluded that weekends days used per day used per day cortips used cortips used cortips control corting control contro	the user to stribution the gender of the stribution tribution very day bins = n cathe ages at the ages	week days For the trips used To bike trips u	per day hour is per day hour i	e and a subscriber while female are subscriber where mer are subscriber while female are subscriber while female are subscriber and subscriber are subscribe
From to Soly and the Soly and t	the previous bar and the previous pick that are and the pick that are and that	chart, I've chart	concluded that weekends days used per day used per day "start hour", corresponded corresponder strips day, corresponder strips, concluded that trips strips day, corresponder strips concluded that trips "member ager", corresponder strips "concluded that trips "concluded that trips "concluded that strips "concluded that strips "concluded that trips "concluded that strips "concluded that "conc	the user to the us	week days For the trips used To bike trips u	per day hourses per day hourses to 16 17 18 18 de per day hourses and per day hourses there any unus subsections (1max (1max (2max (2max (3max (3max (4max (4m	are subscriber, white the age group is a subscriber and a subscriber with the age group is a subscriber and

