

קורס: 'מערכות קבצים ומסדי נתונים'

מרצה: יצחק נודלר

מסמכים נלווים - פרויקט תכנות

DB: book\_store

Book:

	book_id	name	pages_num	weight	condition
►	1	CRIME AND PUNISHMENT	576	2	New
	2	WAR AND PEACE	1225	4	New
	3	CRIME AND PUNISHMENT	576	2	New
	4	Yaels House	10	4	New
	5	The Pilgrims Progress	200	1	Brand New
	6	Robinson Crusoe	200	1	Brand New
	7	Gullivers Travels	1000	5	Brand New
	8	Clarissa	500	3	Brand New
	9	Tom Jones	350	2	Brand New
	10	The Life and Opinions of Tristram Shandy, Gentl...	480	1	Brand New
	11	ROMEO AND JULIET	500	2	NULL
	12	Single for the Summer	100	1	Bad
	13	Friends Playing Cards	20000	7	Mediocre
	14	Peter and the wolf	100	1	Bad
	15	CRIME AND PUNISHMENT	620	3	New
	16	CRIME AND PUNISHMENT	576	2	New

Author:

	author_id	first_name	last_name
►	1	Samuel	Richardson
	2	Laurence	Sterne
	3	Jonathan	Swift
	4	John	Bunyan
	5	Leo	Tolstoy
	6	Henry	Fielding
	7	Amos	Oz
	8	David	Grosman
	9	Yonit	Rusho
	10	Riva	Shalom

### Author\_book:

	book_id	author_id
▶	1	1
	1	2
	2	2
	3	3
	4	5
	5	4
	6	4
	7	3
	8	1
	9	6
	10	2

### Book\_edition:

book_edition_id	book_id	publishing_id	translator	year
1	8	3	Dani	1748
2	10	2	Hezi	1759
3	7	1	Avi	1726
4	5	3	NULL	1678
5	9	2	Chak	1749
6	11	2	Avi	1760
7	12	2	Avi	1761
8	1	4	Yakov	1889
9	3	5	Tali Levi	1900
10	2	3	Hava	1991
11	6	3	Yoel	1991
12	16	4	Dani Dan	2000
13	15	5	NULL	2002

### Customer:

	customer_id	first_name	last_name	mobile_phone	home_phone	date_created
▶	1	Adi	didi	0548754410	NULL	2020-07-27
	2	Yarden	dar	0568754489	8751489	2020-07-28
	3	Dan	nesher	0565554489	8751411	2020-06-27
	4	Dana	weiss	0568754488		2019-06-02
	5	Rachel	furman	0568754487	8751488	2020-01-08
	6	Yossi	yoskale	0528754489	8758968	2018-05-12
	7	Hadass	shamian	0568757894		2019-12-22
	8	Roni	yaari	0525891489	8234489	2010-07-28
	9	Silvia	yaari	0512354489	8751987	2020-10-03
	10	Marina	shabtai	0512345489	8751456	2005-07-28
	11	Lior	shabtai	0568751234		2020-07-05
	12	Juli	Cohen	0589876542	8250315	1999-10-03

## Employee:

	employee_id	first_name	last_name	phone	start_date	finish_date
	1	Lili	ili	0532541987	2018-05-18	2020-08-05
	2	Ran	nir	0555541987	2017-05-18	NULL
	3	Nadia	jak	0526897854	2009-03-22	NULL
	4	Sharon	shem-tov	0578945512	2020-01-01	2020-05-01
	5	Romi	timi	0547845124	2020-05-12	NULL
	6	Avi	Berkovich	0589856632	2016-03-22	NULL
	7	Yossi	Aharon	0547854219	2017-03-22	NULL
	8	Ronit	Dali	0523698524	2018-03-22	NULL
►	9	Yafit	Dadon	0248758952	2015-03-22	2016-03-23
	10	Sason	Alperon	0544444445	2014-03-22	2014-03-23

## Inventory:

	book_id	location	count	sold_counter	time_stamp
►	1	store	3	2	2007-01-01 15:00:00
	2	store	5	5	2010-08-01 15:00:00
	3	storage	6	6	1999-01-01 15:00:00
	5	store	2	1	2015-12-11 09:40:20
	6	store	1	1	2017-12-11 09:40:20
	7	store	4	1	1989-01-01 10:30:20
	8	store	2	0	2019-11-11 09:50:20
	9	storage	2	1	2019-11-11 09:40:20
	10	store	2	1	2019-12-11 09:40:20
	11	store	1	0	2012-08-12 10:10:10
	12	storage	2	1	2012-12-02 11:11:11
	13	not-fo...	0	4	2002-07-07 12:15:15
	14	storage	1	0	1998-01-07 12:15:15
	16	storage	1	1	2013-01-07 12:15:15

## Deliveries:

	deliveries_id	purchase_id	delivery_company	status	delivery_type	price	delivery_date
►	1	1	1	delivered	pickup	15	2020-07-29
	2	2	1	in_preparation	home	35	2020-08-01
	3	3	2	sent	RASHUM	8	2020-06-30
	5	8	2	arrived_and_waiting_for_collection	RASHUM	8	2020-08-15
	6	3	2	delivered	SHLICHIM	12	2020-08-10
	7	8	1	delivered	fast	25	2020-08-10
	8	12	2	sent	RASHUM	8	2010-06-30

## Deliveries\_book:

deliveries_id	book_id
1	2
7	7
6	12
5	5
3	1
2	3
1	4
8	3
8	16
3	16

### Purchase\_Customer\_book:

	purchase_id	book_id	price	book_eddition_id
▶	1	1	30	1
	1	2	120	10
	2	2	200	11
	3	7	29	0
	4	9	58	0
	5	3	389	12
	5	5	78	0
	6	6	331	0
	7	9	120	0
	8	5	78	13
	8	7	56	0
	9	1	19	9
	10	12	79	0
	11	9	120	0
	12	3	700	0
	12	16	600	0

### Purchase\_customer:

purchase_id	customer_id	employee_id	way	purchase_date	payment_method
1	1	1	call_phone	2020-07-27	bank-transfer
2	2	1	random	2020-07-28	bit
3	3	2	specific_book	2020-06-27	bit
4	4	2	random	2020-07-02	bit
5	5	2	call_phone	2015-01-09	bit
6	2	3	specific_book	2020-08-01	bank-transfer
7	4	4	random	2021-05-12	bit
8	2	5	call_phone	2020-08-05	credit-card
9	1	5	call_phone	2020-07-29	bank-transfer
10	11	2	specific_book	2012-12-02	bank-transfer
11	2	5	call_phone	2020-08-05	credit-card
12	11	2	specific_book	2017-02-25	bit

### Purchase\_store:

	purchase_id	book_id	purchase_from	book_price	count	purchase_date
	1	1	private_person	20	5	2006-12-01
	2	2	stockpile	15	10	2010-07-01
	3	3	private_person	30	12	1998-12-01
	4	7	private_person	12	5	2019-12-01
	5	9	stockpile	25	4	2019-10-11
	6	5	stockpile	20	1	2013-01-01
	7	6	stockpile	19	1	2001-01-01
	8	12	private_person	5	1	2002-01-01
	9	13	private_person	2	1	2001-02-11
	10	16	private_person	12	1	2001-02-12

### Reservation:

	reservation_id	customer_id	time_stamp	contact_customer
	1	1	2020-07-27	NULL
	2	1	2020-09-27	NULL
	3	10	2015-07-28	NULL
	4	9	2020-10-03	NULL
	5	8	2012-07-29	2012-08-12
	6	11	2012-09-27	2012-11-27
	7	12	2018-07-27	NULL
	8	12	2019-07-27	NULL
	9	12	2013-07-27	NULL
	10	12	2014-08-20	NULL

### Reservation book:

	reservation_id	book_id	count
	1	4	1
	2	6	2
	3	5	1
	4	6	1
	5	11	1
	6	12	1

Working\_month\_hours:

	employee_id	month	year	hours	hour_payment
*	1	6	2018	20	35
	1	7	2018	40	35
	1	8	2018	35	35
	2	5	2017	5	35
	2	6	2017	20	35
	2	7	2017	50	35
	2	8	2017	80	35
	3	3	2009	20	35
	3	4	2009	35	35
	3	5	2009	42	35

payments:



payments_id	rent	property_tax	water	electricity	salaries	extra	month	year	mobile_phone	store_phone
1	20	10	2	7	20	1000	1	2020	2	4
2	20	10	2	8	32	15000	2	2020	2	5
3	20	10	2	8	150	2000	3	2020	2	4
4	20	10	3	10	200	0	4	2020	2	3
5	30	10	3	5	205	5000	5	2020	2	5
6	30	10	4	5	350	7000	6	2020	2	4
7	20	9	4	6	400	20	7	2019	2	3
8	100	90	50	7	100	0	8	2019	3	4
9	100	90	50	7	100	0	9	2019	3	5
10	100	90	50	7	100	0	10	2019	3	2

### Purchase\_customer\_book:

	purchase_id	book_id	book_eddition_id	price
▶	1	1	1	30
	1	2	10	120
	2	2	11	200
	3	7	0	29
	4	9	0	58
	5	3	12	389
	5	5	0	78
	6	6	0	331
	7	9	0	120
	8	5	13	78
	8	7	0	56
	9	1	9	19
	10	12	0	79
	11	9	0	120
	12	3	0	700
	12	16	0	600
	Σpurchase_id	Σbook_id	Σbook_eddition_id	Σprice



Deliveries\_company:

company_id	company_name
1	Xpress
2	Israel-post

Publishing\_company:

publishing_id	name
1	Benjamin Motte
2	Ann Ward
3	Andrew Millar
4	William Taylor
5	The Russian Messenger
6	Keter
7	Ushi Ushi
8	Sum sum
9	Meydan
10	Hod ami