

# ch1\_practice

student

	student_id	name	department	gpa
▶	202401001	John Smith	AI Software Engineering	3.85
	202401002	Emily Johnson	AI Software Engineering	3.92
	202401003	Sarah Williams	AI Software Engineering	3.45

# ch2\_design

department

	dept_id	dept_name	location	budget
▶	1	Sales Team	Seoul	100000000.00
	2	Development Team	Pangyo	150000000.00
	3	Human Resources	Seoul	50000000.00

employee

	emp_id	emp_name	dept_id	position	salary	hire_date	phone
▶	1	John Smith	1	Team Manager	5000000.00	2020-01-15	010-1111-1111
	2	Emily Johnson	2	Developer	4000000.00	2021-03-20	010-2222-2222
	3	Sarah Park	2	Developer	3500000.00	2022-06-10	010-3333-3333

# ch3\_practice

## movie

	movie_id	title	genre	release_year	release_date	director	rating	runtime	country
▶	1	The Shopping Mall King	Drama	2023	2023-01-15	Kim Director	8.5	120	Korea
	2	The Art of Coding	Action	2023	2023-02-20	Lee Director	7.8	135	Korea
	3	Data World	Fantasy	2022	2022-12-10	Park Director	8.2	145	USA
	4	Romantic SQL	Romance	2023	2023-03-05	Choi Director	7.5	110	Korea
	5	Animation Server	Animation	2023	2023-04-01	Jeong Director	8.0	90	USA

## product

	product_id	product_name	category	price	stock	upload_date	brand	rating
▶	1	Wireless Mouse	Electronics	45000	150	2024-01-10	Logitech	4.50
	2	Mechanical Keyboard	Electronics	120000	80	2024-01-12	Ducky	4.60
	3	Monitor Arm	Electronics	65000	200	2024-01-08	Elgo	4.30
	4	Desk Lamp	Home Supplies	35000	300	2024-01-05	Philips	4.40
	5	Chair Cushion	Furniture	28000	250	2024-01-15	IKEA	4.20

# ch4\_filtering

customer

	customer_id	name	city	age	grade	salary	phone
▶	1	John Smith	Seoul	35	Gold	5000000	010-1111-1111
	2	Emily Lee	Busan	28	Silver	3500000	010-2222-2222
	3	Sarah Park	Seoul	42	Gold	6000000	010-3333-3333
	4	Jessica Choi	Daegu	25	Silver	3000000	010-4444-4444
	5	Michael Jung	Seoul	38	Platinum	7500000	NULL

## ch5\_join

professor

	professor_id	professor_name	department
▶	1	Park Chulsu	AI Software Engineering
	2	Lee Younghee	AI Software Engineering
	3	Choi Junho	AI Software Engineering

course

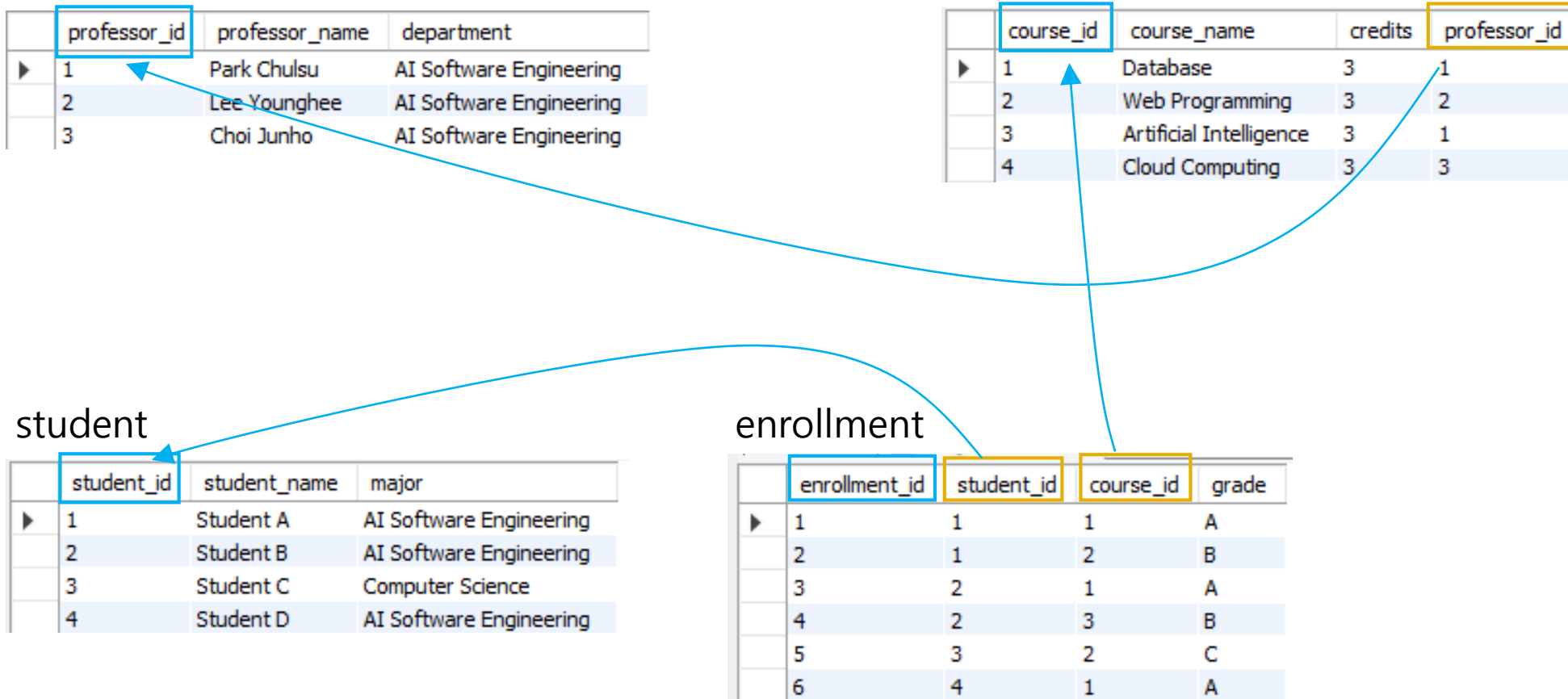
	course_id	course_name	credits	professor_id
▶	1	Database	3	1
	2	Web Programming	3	2
	3	Artificial Intelligence	3	1
	4	Cloud Computing	3	3

student

	student_id	student_name	major
▶	1	Student A	AI Software Engineering
	2	Student B	AI Software Engineering
	3	Student C	Computer Science
	4	Student D	AI Software Engineering

enrollment

	enrollment_id	student_id	course_id	grade
▶	1	1	1	A
	2	1	2	B
	3	2	1	A
	4	2	3	B
	5	3	2	C
	6	4	1	A



## ch6\_join

employees

	employee_id	name	dept_id	manager_id	salary
▶	1	Kim Chulsu	1	NULL	5000000.00
	2	Lee Younghee	1	1	4000000.00
	3	Park Minjun	2	1	4500000.00
	4	Choi Sunsin	2	3	3500000.00
	5	Kang Gamchan	3	1	4200000.00
	6	Yi Sunsin	3	5	3800000.00
	7	Jang Bogo	1	1	3200000.00

departments

	dept_id	department_name	location
▶	1	Sales Department	Seoul
	2	Technology Department	Daejeon
	3	Human Resources	Seoul
	4	Finance Department	Busan

salary\_grades

	grade	min_salary	max_salary
▶	A	5000000.00	6000000.00
	B	4000000.00	4999999.00
	C	3000000.00	3999999.00
	D	2000000.00	2999999.00

# ch7\_aggr

sales

	sale_id	product_id	quantity	unit_price	sale_date	employee_id
▶	1	1	10	50000.00	2024-01-15	1
	2	2	5	100000.00	2024-01-15	1
	3	1	8	50000.00	2024-01-16	2
	4	3	3	200000.00	2024-01-16	2
	5	2	15	100000.00	2024-01-17	1
	6	1	20	50000.00	2024-01-17	3
	7	4	2	500000.00	2024-01-18	3
	8	2	10	100000.00	2024-01-18	2

products

	product_id	product_name	category	price	stock
▶	1	Laptop A	Electronics	50000.00	100
	2	Mouse B	Electronics	100000.00	200
	3	Monitor C	Electronics	200000.00	50
	4	Keyboard D	Electronics	500000.00	30

# ch8\_subq

employees

	employee_id	name	dept_id	salary	hire_date
▶	1	Kim Chulsu	1	5000000.00	2020-01-15
	2	Lee Younghee	1	4000000.00	2020-06-20
	3	Park Minjun	2	4500000.00	2019-03-10
	4	Choi Sunsin	2	3500000.00	2021-07-15
	5	Kang Gamchan	3	4200000.00	2020-09-05

departments

	dept_id	department_name	location
▶	1	Sales	Seoul
	2	Technology	Daejeon
	3	Human Resources	Seoul
	4	Finance	Busan

orders

	order_id	customer_id	order_date	total_amount
*	NULL	NULL	NULL	NULL

customers

	customer_id	name
*	NULL	NULL



# ch9\_dml

employees

	employee_id	name	dept_id	salary
▶	1	Alex Johnson	1	5000000.00
	2	Sarah Williams	1	4000000.00
	3	David Brown	2	4500000.00
	4	Emily Davis	2	3500000.00
	5	Michael Wilson	3	4200000.00

accounts

	account_id	account_name	balance
*	NULL	NULL	NULL

# ch10\_view

## employees

	employee_id	name	dept_id	salary	hire_date
▶	1	Alex Johnson	1	5000000.00	2020-01-15
	2	Sarah Williams	1	4000000.00	2020-06-20
	3	David Brown	2	4500000.00	2019-03-10
	4	Emily Davis	2	3500000.00	2021-07-15
	5	Michael Wilson	3	4200000.00	2020-09-05

## departments

	dept_id	department_name	location
▶	1	Sales	Seoul
	2	Technology	Daejeon
	3	Human Resources	Seoul
	4	Finance	Busan

## employees\_archive

	employee_id	name	dept_id	salary	hire_date
--	-------------	------	---------	--------	-----------

# ch11\_control

employees

	employee_id	name	dept_id	salary
▶	1	Alex Johnson	1	5000000.00
	2	Sarah Williams	1	4000000.00
	3	David Brown	2	4500000.00
	4	Emily Davis	2	3500000.00
	5	Michael Wilson	3	4200000.00

temp\_table

	id	data
--	----	------

## ch12\_trigger

employees

	employee_id	name	salary	position	department	hire_date	emp_level	job_title	last_modified
▶	1	Alex Johnson	5000000.00	Manager	Development	2020-01-15	Level 3	Development Manager	<b>NULL</b>
	2	Sarah Williams	4000000.00	Associate	Sales	2020-06-20	Level 2	Sales Representative	<b>NULL</b>
	3	David Brown	4500000.00	Associate	Planning	2019-03-10	Level 2	Planner	<b>NULL</b>

employee\_archive

[illegible]

salary\_history

	history_id	emp_id	emp_name	old_salary	new_salary	change_reason	changed_at
*	NUL	NUL	NUL	NUL	NUL	NUL	NUL

products

	product_id	product_name	price	product_code	created_at
*	NULL	NULL	NULL	NULL	NULL

salary\_history\_archive

	archive_history_id	emp_id	emp_name	old_salary	new_salary	change_reason	changed_at
--	--------------------	--------	----------	------------	------------	---------------	------------

salary\_change\_percent

	id	emp_id	change_percent	changed_at
*	NULL	NULL	NULL	NULL

audit\_log

[illegible]

## ch13\_normal

customers

	customer_id	name	email	city
*	NULL	NULL	NULL	NULL

products

	product_id	product_name	category_id	price
*	NULL	NULL	NULL	NULL

categories

	category_id	category_name
*	NULL	NULL

orders

	order_id	customer_id	order_date
*	NULL	NULL	NULL

order\_details

	order_detail_id	order_id	product_id	quantity	unit_price
*	NULL	NULL	NULL	NULL	NULL