University Database – Tables and Sample Data

Student Table

student_id	name	major	year	dob
1	Alice John	CSE	2	2004-05-12
2	Bob Martin	ECE	3	2003-11-22
3	Charlie Roy	CSE	1	2005-01-14
4	Diana Paul	MECH	2	2004-09-20
5	Ethan Kumar	CSE	3	2003-07-02
6	Fatima Noor	ECE	1	2005-03-18

Department Table

dept_id	dept_name	location
10	CSE	Block A
20	ECE	Block B
30	MECH	Block C

Course Table

course_id	course_name	credits	dept_id
101	Database Systems	4	10
102	Data Structures	3	10
103	Operating Systems	4	10
201	Digital Electronics	4	20
202	Signals & Systems	3	20
301	Thermodynamics	4	30

Instructor Table

instructor_id	name	dept_id	salary
1001	Dr. Nithya	10	75000
1002	Dr. Ravi	20	68000
1003	Dr. Meena	10	72000

1004	Dr. Arjun	30	70000

Teaches Table

instructor_id	course_id	semester	year
1001	101	ODD	2024
1001	102	EVEN	2024
1003	103	ODD	2024
1002	201	ODD	2024
1002	202	EVEN	2024
1004	301	ODD	2024

Enrolls Table

student_id	course_id	semester	year	grade
1	101	ODD	2024	A
1	102	EVEN	2024	B
2	101	ODD	2024	B
3	102	EVEN	2024	A
3	103	ODD	2024	A
4	301	ODD	2024	B
5	103	ODD	2024	C
6	201	ODD	2024	A