

Data Normalisation Exercise

Here is some unnormalized data – go through the steps of converting it first into 1NF, then into 2NF and finally into 3NF.

Project Code	Project Title	Project Manager	Project Budget	Employee ID	Employee Name	Department ID	Department Name	Hourly Rate
IT010	Pensions	K Jones	123000	100	P Lewis	10	IT	23.43
IT010	Pensions	K Jones	123000	102	S Smith	40	HR	34.21
IT010	Pensions	K Jones	123000	104	H Finn	40	HR	35.21
IT060	Salaries	H Evans	345000	107	G Bale	20	DBA	23.24
IT060	Salaries	H Evans	345000	332	L Jones	30	ACCOUNTS	45.22
IT060	Salaries	H Evans	345000	201	P Smith	30	ACCOUNTS	19.34
IT060	Salaries	H Evans	345000	103	T Woods	30	ACCOUNTS	23.51
IT089	HR	L Adams	100020	111	D Banks	10	IT	24.45
IT089	HR	L Adams	100020	107	G Bale	20	DBA	22.33
IT089	HR	L Adams	100020	110	J Wills	30	ACCOUNTS	33.12