

A SAMPLE DATA DICTIONARY								
TABLE NAME	ATTRIBUTE NAME	CONTENTS	TYPE	FORMAT	RANGE	REQUIRED	PK OR FK	FK REFERENCED TABLE
EMPLOYEES	emp_ID	Employees Code	NUMBER(10)	9999999999		Y	PK	
	dept_id	Department Code	VARCHAR(5)	XXXXX			FK	DEPARTMENT
	empFirstName	Employees first name	VARCHAR(20)	XXXXXXXXXX		Y		
	empLastName	Employees last name	VARCHAR(20)	XXXXXXXXXX		Y		
	salary	Salary of employees	NUMBER(8,2)	999,999.99		Y		
	hireDate	Hired date	DATE	dd-Mon-yyyy		Y		
	gender	Gender of employees	CHAR(1)	X				
	commission_pct	Employees commission	NUMBER(3,2)	9.99		Y		
	email	Email of employees	VARCHAR(30)	xxxxxxxxxx		Y		
	job_id	Jobs Code	VARCHAR(10)	XXXXXXXXXX			FK	JOBS
ASSIGNMENT	assign_num	Assignment Code	CHAR(5)	99999	10000-99999	Y	PK	
	assign_name	Assignment name	VARCHAR(25)	XXXXXXXXXX		Y		
	assign_date	Assignment date	DATE	dd-Mon-yyyy		Y		
	assign_hours	Assignment time using	NUMBER(3)	999		Y		
	submit_date	Submit date	DATE	dd-Mon-yyyy		Y		
	proj_num	Project Code	CHAR(7)	XXX-XXX			FK	PROJECT
	empID	Employees Code	NUMBER(10)	9999999999			FK	EMPLOYEES
	dept_id	Department Code	VARCHAR(5)	XXXXX			FK	DEPARTMENT
PROJECT	proj_num	Project Code	CHAR(7)	XXX-XXX		Y	PK	
	proj_name	Project name	VARCHAR(30)	XXXXXXXXXX		Y		
JOBS	job_id	Jobs Code	VARCHAR(10)	XXXXXXXXXX		Y	PK	
	job_name	Jobs name	VARCHAR(20)	XXXXXXXXXX		Y		
	chg_hour	Money income per hour	NUMBER(4)	9.999	0-1000	Y		
DEPARTMENT	dept_id	Department Code	VARCHAR(5)	XXXXX		Y	PK	
	dept_name	Department Name	VARCHAR(30)	XXXXXXXXXX		Y		
OPERATIONAL_UNIT	service_code	Service Code	CHAR(7)	XXX-XXX		Y	PK,FK	SERVICE_CENTER
	dept_id	Department Code	VARCHAR(5)	XXXXX		Y	PK,FK	DEPARTMENT
	oper_phone	Operation telephone	CHAR(10)	9999999999		Y		
	oper_email	Operation email	VARCHAR(30)	xxxxxxxxxx		Y		
	postal_code	Postal code	CHAR(5)	99999			FK	POSTAL
POSTAL	postal_code	Postal code	CHAR(5)	99999		Y	PK	
	district	District in province	VARCHAR(20)	XXXXXXXXXX		Y		
SERVICE_CENTER	service_code	Service center Code	CHAR(7)	XXX-XXX		Y	PK	
	service_center_name	Service center name	VARCHAR(25)	XXXXXXXXXX		Y		
	service_phone	Service center telephone	CHAR(10)	9999999999		Y		
	service_email	Service center email	VARCHAR(30)	xxxxxxxxxx		Y		
	country_id	Countries Code	CHAR(3)	XXX		Y	PK,FK	COUNTRY
COUNTRY	country_id	Countries Code	CHAR(3)	XXX		Y	PK	
	country	Country name	VARCHAR(15)	XXXXXXXXXX		Y		
	region	Region in global	VARCHAR(5)	XXXXX		Y		
CONTRACT	contractID	Contract Code	CHAR(12)	XXXXXXXXXXXX		Y	PK	
	service_code	Service Code	CHAR(7)	XXX-XXX		Y	PK,FK	SERVICE_CENTER
	id_card	Identification card	CHAR(13)	9999999999999		Y	PK,FK	CUSTOMER
	car_id	Car Code	VARCHAR(5)	XXXXX		Y	PK,FK	CAR
	engine_id	Engine Type Code	CHAR(5)	XXXXX		Y	PK,FK	ENGINE
	netPrice	Total price of payment	NUMBER(9,2)	9,999,999.99		Y		
	pickUpDate	Date of pick up car	DATE	dd-Mon-yyyy		Y		
	payMonthly	Monthly payment	NUMBER(8,2)	999,999.99		Y		
CAR	car_id	Car Code	VARCHAR(5)	XXXXX		Y	PK	
	model	Car model	VARCHAR(10)	XXXXXXXXXX		Y		
	year	Year of manufacture a car	DATE	yyyy				
	color	Car color	VARCHAR(15)	XXXXXXXXXX				
	price	Car price	NUMBER(9,2)	9,999,999.99		Y		
	engine_id	Engine Code	CHAR(5)	XXXXX		Y	PK,FK	ENGINE
ENGINE	engine_id	Engine Code	CHAR(5)	XXXXX		Y	PK	
	engine_type	Type of engine	VARCHAR(10)	XXXXXXXXXX		Y		
	fuel_type	Type of fuel	VARCHAR(10)	xxxxxxxxxx		Y		
RECEIPT	rec_id	Reciept Code	VARCHAR(10)	XXXXXXXXXX		Y	PK	
	car_id	Car Code	VARCHAR(5)	XXXXX		Y	PK,FK	CAR
	sub_id	Supplier Code	CHAR(4)	XXXX		Y	PK,FK	SUPPLIER
	date	Date of issue of receipt	DATE	dd-Mon-yyyy		Y		
	quantity	Quantity of car	NUMBER(3)	999		Y		
SUPPLIER	sub_id	Supplier Code	CHAR(4)	XXXX		Y	PK	
	email	Supplier email	VARCHAR(30)	xxxxxxxxxx		Y		
	sub_name	Supplier name	VARCHAR(30)	XXXXXXXXXX		Y		
CUSTOMER	id_card	Identification card	CHAR(13)	9999999999999		Y	PK	
	firstName	Customer first name	VARCHAR(20)	XXXXXXXXXX		Y		
	lastName	Customer last name	VARCHAR(20)	XXXXXXXXXX		Y		
	dob	Date of birth of customer	DATE	dd-Mon-yyyy				

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