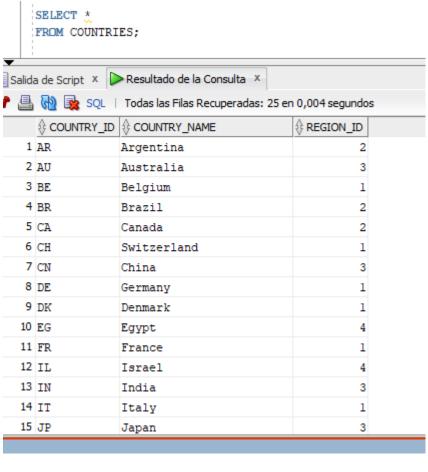
### LISTADO DE LA TABLA "REGIONS"

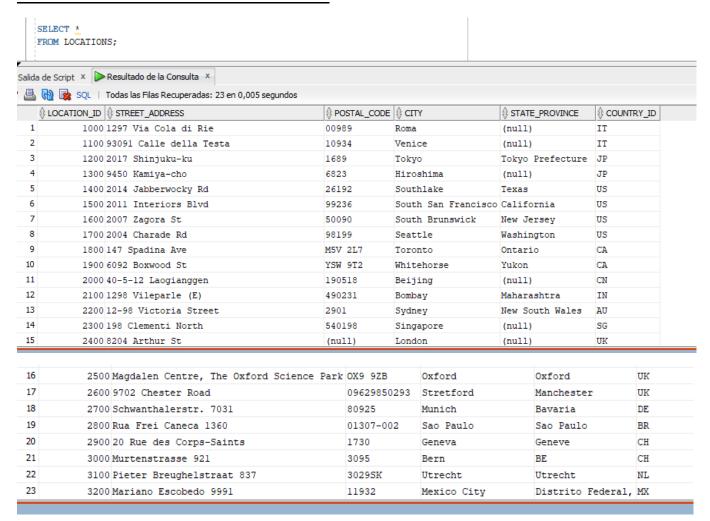


## LISTADO DE LA TABLA "COUNTRIES"



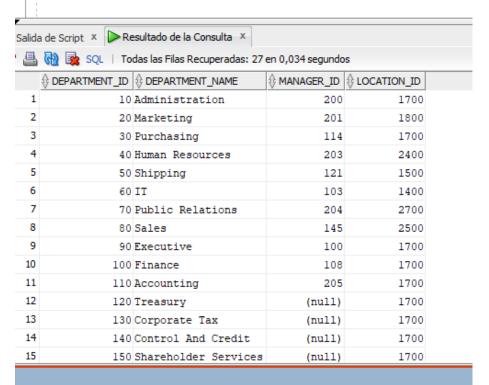
16	KW	Kuwait	4
17	ML	Malaysia	3
18	MX	Mexico	2
19	NG	Nigeria	4
20	NL	Netherlands	1
21	SG	Singapore	3
22	UK	United Kingdom	1
23	US	United States of America	2
24	ZM	Zambia	4
25	ZW	Zimbabwe	4

### LISTADO DE LA TABLA "LOCATIONS"



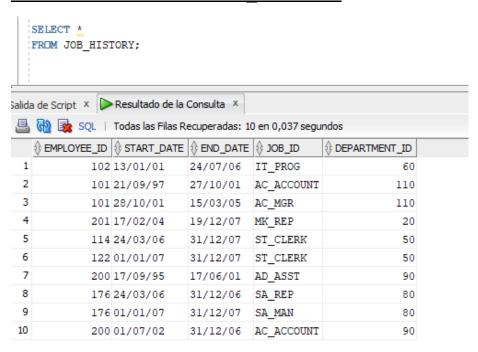
# LISTADO DE LA TABLA "DEPARTMENTS"

SELECT \*
FROM DEPARTMENTS;

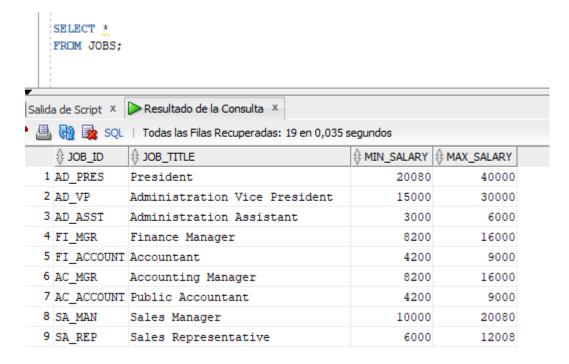


16	160 Benefits	(null)	1700
17	170 Manufacturing	(null)	1700
18	180 Construction	(null)	1700
19	190 Contracting	(null)	1700
20	200 Operations	(null)	1700
21	210 IT Support	(null)	1700
22	220 NOC	(null)	1700
23	230 IT Helpdesk	(null)	1700
24	240 Government Sales	(null)	1700
25	250 Retail Sales	(null)	1700
26	260 Recruiting	(null)	1700
27	270 Payroll	(null)	1700

### LISTADO DE LA TABLA "JOB HISTORY"

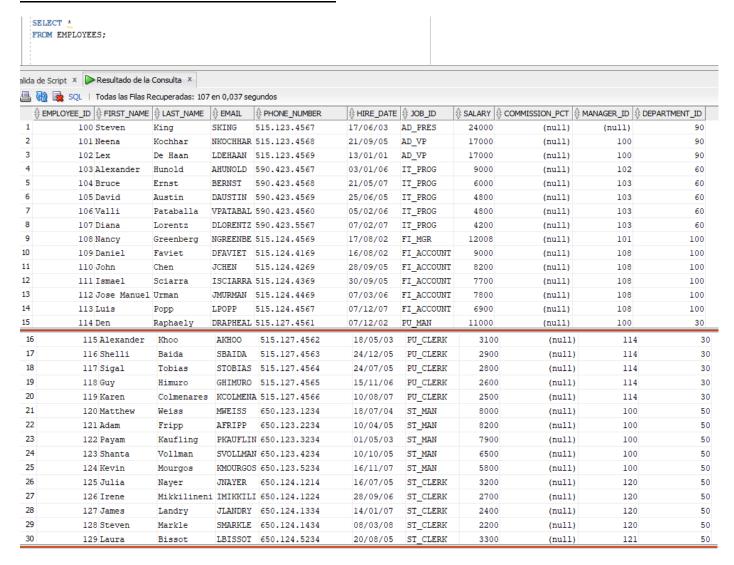


#### LISTADO DE LA TABLA "JOBS"



17 MK_REP 18 HR REP	Marketing Representative Human Resources Representative	4000 4000	9000
16 MK_MAN	Marketing Manager	9000	15000
15 IT_PROG	Programmer	4000	10000
14 SH_CLERK	Shipping Clerk	2500	5500
13 ST_CLERK	Stock Clerk	2008	5000
12 ST_MAN	Stock Manager	5500	8500
11 PU_CLERK	Purchasing Clerk	2500	5500
10 PU_MAN	Purchasing Manager	8000	15000

#### LISTADO DE LA TABLA "EMPLOYEES"



31	130 Mozhe	Atkinson	MATKINSO	650.124.6234	30/10/05	ST_CLERK	2800	(null)	121	50
32	131 James	Marlow	JAMRLOW		16/02/05	ST_CLERK	2500	(null)	121	50
33	132 TJ	Olson	TJOLSON	650.124.8234	10/04/07	ST_CLERK	2100	(null)	121	50
34	133 Jason	Mallin	JMALLIN	650.127.1934	14/06/04	ST_CLERK	3300	(null)	122	50
35	134 Michael	Rogers	MROGERS		26/08/06	ST_CLERK	2900	(null)	122	50
36	135 Ki	Gee	KGEE		12/12/07	ST_CLERK	2400	(null)	122	50
37	136 Hazel				06/02/08	ST_CLERK	2200	(null)	122	50
38	137 Renske	Ladwig	RLADWIG		14/07/03	ST_CLERK	3600	(null)	123	50
39 40	138 Stephen	Stiles	SSTILES		26/10/05	ST_CLERK	3200	(null)	123	50
41	139 John	Seo	JSE0		12/02/06 06/04/06	ST_CLERK	2700	(null)	123	50
42	140 Joshua 141 Trenna	Patel	JPATEL TRAJS		17/10/03	ST_CLERK ST CLERK	2500 3500	(null)	123 124	50 50
43	141 Trenna 142 Curtis	Rajs Davies			29/01/05	ST_CLERK	3100	(null)	124	50
44	142 Curcis	Matos	RMATOS		15/03/06	ST_CLERK	2600	(null)	124	50
45	144 Peter	Vargas	PVARGAS		09/07/06	ST CLERK	2500	(null)	124	50
	144 10001	vargas	I VAROAD	000:121:2004	03/01/00	DI_CDERK	2500	(HGII)	121	
46	145 John	Russell	JRUSSEL	011.44.1344.429268	01/10/04	SA_MAN	14000	0,4	100	80
47	146 Karen	Partners	KPARTNER	011.44.1344.467268	05/01/05	SA MAN	13500	0,3	100	80
48	147 Alberto	Errazuriz	AERRAZUR	011.44.1344.429278	10/03/05	SA MAN	12000	0,3	100	80
49	148 Gerald	Cambrault	GCAMBRAU	011.44.1344.619268	15/10/07	SA_MAN	11000	0,3	100	80
50	149 Eleni	Zlotkey	EZLOTKEY	011.44.1344.429018	29/01/08	SA_MAN	10500	0,2	100	80
51	150 Peter	Tucker	PTUCKER	011.44.1344.129268	30/01/05	SA_REP	10000	0,3	145	80
52	151 David	Bernstein	DBERNSTE	011.44.1344.345268	24/03/05	SA_REP	9500	0,25	145	80
53	152 Peter	Hall	PHALL	011.44.1344.478968	20/08/05	SA_REP	9000	0,25	145	80
54	153 Christopher	Olsen	COLSEN	011.44.1344.498718	30/03/06	SA_REP	8000	0,2	145	80
55	154 Nanette	Cambrault	NCAMBRAU	011.44.1344.987668	09/12/06	SA_REP	7500	0,2	145	80
56	155 Oliver	Tuvault	OTUVAULT	011.44.1344.486508	23/11/07	SA_REP	7000	0,15	145	80
57	156 Janette	King	JKING	011.44.1345.429268	30/01/04	SA_REP	10000	0,35	146	80
58	157 Patrick	Sully	PSULLY	011.44.1345.929268	04/03/04	SA_REP	9500	0,35	146	80
59	158 Allan	McEwen	AMCEWEN	011.44.1345.829268	01/08/04	SA_REP	9000	0,35	146	80
60	159 Lindsey	Smith	LSMITH	011.44.1345.729268	10/03/05	SA_REP	8000	0,3	146	80
61	160 Louise	Doran	LDORAN	011.44.1345.629268	15/12/05	SA REP	7500	0,3	146	80
62	161 Sarath	Sewall	SSEWALL	011.44.1345.529268		SA REP	7000	0,25	146	80
63	162 Clara	Vishney		011.44.1346.129268		SA REP	10500	0,25	147	80
64	163 Danielle	Greene	DGREENE	011.44.1346.229268		SA_REP	9500	0,15	147	80
65	164 Mattea	Marvins		011.44.1346.329268		SA REP	7200	0,1	147	80
66	165 David	Lee	DLEE	011.44.1346.529268		SA REP	6800	0,1	147	80
67	166 Sundar	Ande	SANDE	011.44.1346.629268		SA REP	6400	0,1	147	80
68	167 Amit	Banda	ABANDA	011.44.1346.729268		SA REP	6200	0,1	147	80
69	168 Lisa	Ozer	LOZER	011.44.1343.929268	11/03/05	SA REP	11500	0,25	148	80
70	169 Harrison	Bloom	HBLOOM	011.44.1343.829268		SA REP	10000	0,2	148	80
71	170 Tayler	Fox	TFOX	011.44.1343.729268		SA REP	9600	0,2	148	80
72	171 William	Smith	WSMITH	011.44.1343.629268		SA REP	7400	0,15	148	80
73	172 Elizabeth		EBATES	011.44.1343.529268		SA_REP	7300	0,15	148	80
74	173 Sundita	Kumar	SKUMAR	011.44.1343.329268		SA_REP	6100	0,1	148	80
75	174 Ellen	Abel	EABEL	011.44.1644.429267	11/05/04	_	11000	0,3	149	80
76	175 Alyssa	Hutton		011.44.1644.429266		SA_REP	8800	0,25	149	80
77	176 Jonathon	Taylor	JTAYLOR	011.44.1644.429265	24/03/06	SA_REP	8600	0,2	149	80
78	177 Jack	_		011.44.1644.429264		SA_REP	8400	0,2	149	80
79	178 Kimberely	Grant	KGRANT	011.44.1644.429263		SA_REP	7000	0,15	149	(null)
80	179 Charles	Johnson		011.44.1644.429262		SA_REP	6200	0,1	149	80
81	180 Winston	Taylor		650.507.9876	24/01/06	SH_CLERK	3200	(null)	120	50
82	181 Jean	Fleaur		650.507.9877	23/02/06	_	3100	(null)	120	50
83	182 Martha	Sullivan		650.507.9878	21/06/07	SH_CLERK	2500	(null)	120	50
84	183 Girard	Geoni	GGEONI	650.507.9879	03/02/08	SH_CLERK	2800	(null)	120	50
85	184 Nandita	Sarchand		650.509.1876	27/01/04	SH_CLERK	4200	(null)	121	50
86	185 Alexis	Bull	ABULL	650.509.2876	20/02/05	SH_CLERK	4100	(null)	121	50
87	186 Julia	Dellinger		650.509.3876	24/06/06	_	3400	(null)	121	50
88	187 Anthony	Cabrio	ACABRIO	650.509.4876	07/02/07	SH_CLERK	3000	(null)	121	50
		_				_				
89 90	188 Kelly 189 Jennifer	Chung Dilly	KCHUNG JDILLY		14/06/05 13/08/05	SH_CLERK SH_CLERK	3800 3600	(null)	122 122	50 50

93	191 Randall 192 Sarah	Perkins Bell		650.505.4876 650.501.1876	19/12/07 04/02/04	SH_CLERK SH_CLERK	2500 4000	(null)	122 123	50 50
94				650.501.2876		_	3900			50
95	193 Britney	Everett			03/03/05	SH_CLERK		(null)	123	
96	194 Samuel	McCain		650.501.3876	01/07/06	SH_CLERK	3200	(null)	123	50
97	195 Vance	Jones		650.501.4876	17/03/07	SH_CLERK	2800	(null)	123	50
	196 Alana	Walsh		650.507.9811	24/04/06	SH_CLERK	3100	(null)	124	50
98	197 Kevin	Feeney	KFEENEY	650.507.9822	23/05/06	SH_CLERK	3000	(null)	124	50
99	198 Donald	OConnell	DOCONNEL	650.507.9833	21/06/07	SH_CLERK	2600	(null)	124	50
100	199 Douglas	Grant	DGRANT	650.507.9844	13/01/08	SH_CLERK	2600	(null)	124	50
101	200 Jennifer	Whalen	JWHALEN	515.123.4444	17/09/03	AD_ASST	4400	(null)	101	10
102	201 Michael	Hartstein	MHARTSTE	515.123.5555	17/02/04	MK_MAN	13000	(null)	100	20
103	202 Pat	Fay	PFAY	603.123.6666	17/08/05	MK_REP	6000	(null)	201	20
104	203 Susan	Mavris	SMAVRIS	515.123.7777	07/06/02	HR_REP	6500	(null)	101	40
105	204 Hermann	Baer	HBAER	515.123.8888	07/06/02	PR_REP	10000	(null)	101	70
106	205 Shelley	Higgins	SHIGGINS	5 515.123.8080	07/06/02	AC_MGR	12008	(null)	101	110
107	206 William	Gietz	WGIETZ	515.123.8181	07/06/02	AC ACCOUNT	8300	(null)	205	110

#### TIPOS DE VARIABLES DE LAS TABLAS

#### **REGIONS**

```
--Regions
DESCRIBE REGIONS;

REGION_ID NOT NULL NUMBER
REGION NAME VARCHAR2(25)
```

#### **COUNTRIES**

```
COUNTRY_NAME VARCHAR2 (40)
REGION_ID NUMBER
```

### **LOCATIONS**

DESCRIBE LOCATIONS;

```
LOCATION_ID NOT NULL NUMBER(4)
STREET_ADDRESS VARCHAR2(40)
POSTAL_CODE VARCHAR2(12)
CITY NOT NULL VARCHAR2(30)
STATE_PROVINCE VARCHAR2(25)
COUNTRY_ID CHAR(2)
```

#### **DEPARTMENTS**

```
DESCRIBE DEPARTMENTS;

DEPARTMENT_ID NOT NULL NUMBER(4)
DEPARTMENT_NAME NOT NULL VARCHAR2(30)
MANAGER_ID NUMBER(6)
LOCATION_ID NUMBER(4)
```

#### JOB HISTORY

```
DESCRIBE JOB_HISTORY;

EMPLOYEE_ID NOT NULL NUMBER(6)

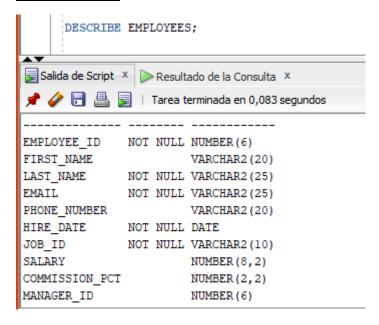
START_DATE NOT NULL DATE
END_DATE NOT NULL DATE

JOB_ID NOT NULL VARCHAR2(10)
DEPARTMENT_ID NUMBER(4)
```

#### **JOBS**

```
JOB_ID NOT NULL VARCHAR2(10)
JOB_TITLE NOT NULL VARCHAR2(35)
MIN_SALARY NUMBER(6)
MAX_SALARY NUMBER(6)
```

#### **EMPLOYEES**



#### **RELACIÓN ENTRE TABLAS**

- En un job\_history puede haber muchos departamentos y un departamento pertenece solo a una job\_history.
- En unos empleados puede haber muchos departamentos y un departamento pertenece solo a un empleado.
- En un departamento puede haber muchos empleados y un empleado pertenece solo a un departamento.
- En un jobs puede haber muchos job\_history y un job\_history pertenece solo a un Job.
- En un empleado puede haber muchos jobs y en un Job pertenece solo a una employees.
- En un empleado puede haber muchos job\_history y un job\_history pertenece solo a un empleado.
- En una locación puede haber muchos departamentos y en un departamento pertenece solo a una locación.
- En un país puede haber muchas regiones y una región pertenece solo a un país.