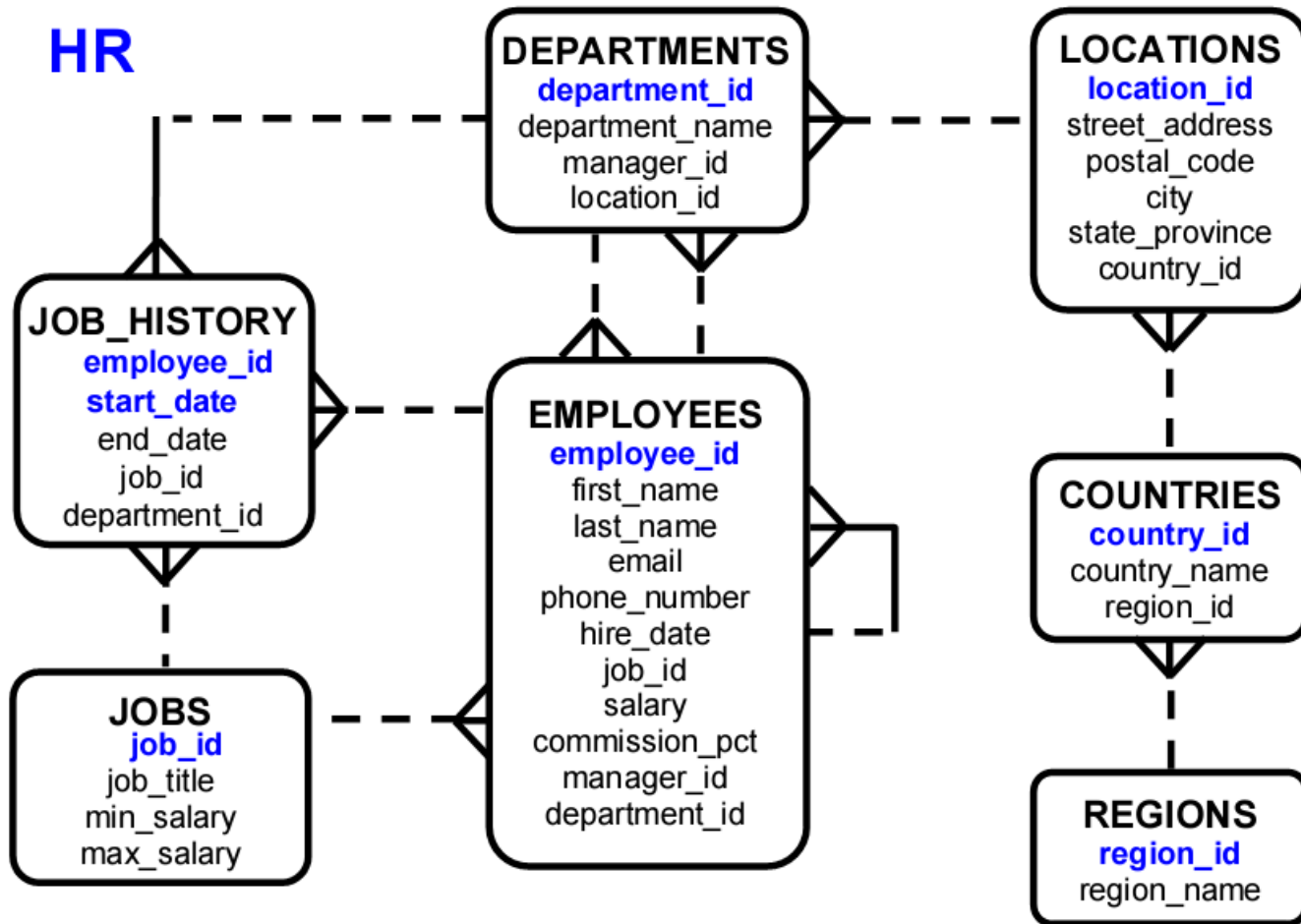


HR 소유 테이블 관계도



HR – EMPLOYEES 테이블

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
100	Steven	King	SKING	515.123.4567	03/06/17	AD_PRES	24000	(null)	(null)	90
101	Neena	Kochhar	NKOCHHAR	515.123.4568	05/09/21	AD_VP	17000	(null)	100	90
102	Lex	De Haan	LDEHAAN	515.123.4569	01/01/13	AD_VP	17000	(null)	100	90
103	Alexander	Hunold	AHUNOLD	590.423.4567	06/01/03	IT_PROG	9000	(null)	102	60
104	Bruce	Ernst	BERNST	590.423.4568	07/05/21	IT_PROG	6000	(null)	103	60
105	David	Austin	DAUSTIN	590.423.4569	05/06/25	IT_PROG	4800	(null)	103	60
106	Valli	Pataballa	VPATABAL	590.423.4560	06/02/05	IT_PROG	4800	(null)	103	60
107	Diana	Lorentz	DLORENTZ	590.423.5567	07/02/07	IT_PROG	4200	(null)	103	60
108	Nancy	Greenberg	NGREENBE	515.124.4569	02/08/17	FI_MGR	12008	(null)	101	100
109	Daniel	Faviet	DFAVIET	515.124.4169	02/08/16	FI_ACCOUNT	9000	(null)	108	100
110	John	Chen	JCHEN	515.124.4269	05/09/28	FI_ACCOUNT	8200	(null)	108	100
111	Ismael	Sciarra	ISCIARRA	515.124.4369	05/09/30	FI_ACCOUNT	7700	(null)	108	100
112	Jose Manuel	Urman	JMURMAN	515.124.4469	06/03/07	FI_ACCOUNT	7800	(null)	108	100
113	Luis	Popp	LPOPP	515.124.4567	07/12/07	FI_ACCOUNT	6900	(null)	108	100
114	Den	Raphaely	DRAPHEAL	515.127.4561	02/12/07	PU_MAN	11000	(null)	100	30
115	Alexander	Khoo	AKHOO	515.127.4562	03/05/18	PU_CLERK	3100	(null)	114	30

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200	Jennifer	Whalen	JWHALEN	515.123.4444	03/09/17	AD_ASST	4400	(null)	101	10
201	Michael	Hartstein	MHARTSTE	515.123.5555	04/02/17	MK_MAN	13000	(null)	100	20
202	Pat	Fay	PFAY	603.123.6666	05/08/17	MK_REP	6000	(null)	201	20
203	Susan	Mavris	SMAVRIS	515.123.7777	02/06/07	HR_REP	6500	(null)	101	40
204	Hermann	Baer	HBAER	515.123.8888	02/06/07	PR_REP	10000	(null)	101	70
205	Shelley	Higgins	SHIGGINS	515.123.8080	02/06/07	AC_MGR	12008	(null)	101	110
206	William	Gietz	WGIEZT	515.123.8181	02/06/07	AC_ACCO...	8300	(null)	205	110

HR – DEPARTMENTS 테이블

DEPARTMENT_ID	DEPARTMENT_NAME	MANAGER_ID	LOCATION_ID
10	Administration	200	1700
20	Marketing	201	1800
30	Purchasing	114	1700
40	Human Resources	203	2400
50	Shipping	121	1500
60	IT	103	1400
70	Public Relations	204	2700
80	Sales	145	2500
90	Executive	100	1700
100	Finance	108	1700
110	Accounting	205	1700
120	Treasury	(null)	1700
130	Corporate Tax	(null)	1700
140	Control And Credit	(null)	1700
150	Shareholder Services	(null)	1700
160	Benefits	(null)	1700
170	Manufacturing	(null)	1700
180	Construction	(null)	1700
190	Contracting	(null)	1700
200	Operations	(null)	1700
210	IT Support	(null)	1700
220	NOC	(null)	1700
230	IT Helpdesk	(null)	1700
240	Government Sales	(null)	1700
250	Retail Sales	(null)	1700
260	Recruiting	(null)	1700
270	Payroll	(null)	1700

HR – LOCATIONS 테이블

LOCATION_ID	STREET_ADDRESS	POSTAL_CODE	CITY	STATE_PROVINCE	COUNTRY_ID
1000	1297 Via Cola di Rie	00989	Roma	(null)	IT
1100	93091 Calle della Testa	10934	Venice	(null)	IT
1200	2017 Shinjuku-ku	1689	Tokyo	Tokyo Prefecture	JP
1300	9450 Kamiya-cho	6823	Hiroshima	(null)	JP
1400	2014 Jabberwocky Rd	26192	Southlake	Texas	US
1500	2011 Interiors Blvd	99236	South San Francisco	California	US
1600	2007 Zagora St	50090	South Brunswick	New Jersey	US
1700	2004 Charade Rd	98199	Seattle	Washington	US
1800	147 Spadina Ave	M5V 2L7	Toronto	Ontario	CA
1900	6092 Boxwood St	YSW 9T2	Whitehorse	Yukon	CA
2000	40-5-12 Laogianggen	190518	Beijing	(null)	CN
2100	1298 Vileparle (E)	490231	Bombay	Maharashtra	IN
2200	12-98 Victoria Street	2901	Sydney	New South Wales	AU
2300	198 Clementi North	540198	Singapore	(null)	SG
2400	8204 Arthur St	(null)	London	(null)	UK
2500	Magdalen Centre, The Oxford Science Park	OX9 9ZB	Oxford	Oxford	UK
2600	9702 Chester Road	09629850293	Stretford	Manchester	UK
2700	Schwanthalerstr. 7031	80925	Munich	Bavaria	DE
2800	Rua Frei Caneca 1360	01307-002	Sao Paulo	Sao Paulo	BR
2900	20 Rue des Corps-Saints	1730	Geneva	Geneve	CH
3000	Murtenstrasse 921	3095	Bern	BE	CH
3100	Pieter Breughelstraat 837	3029SK	Utrecht	Utrecht	NL
3200	Mariano Escobedo 9991	11932	Mexico City	Distrito Federal,	MX

HR – JOBS 테이블

JOB_ID	JOB_TITLE	MIN_SALARY	MAX_SALARY
AD_PRES	President	20080	40000
AD_VP	Administration Vice President	15000	30000
AD_ASST	Administration Assistant	3000	6000
FI_MGR	Finance Manager	8200	16000
FI_ACCOUNT	Accountant	4200	9000
AC_MGR	Accounting Manager	8200	16000
AC_ACCOUNT	Public Accountant	4200	9000
SA_MAN	Sales Manager	10000	20080
SA_REP	Sales Representative	6000	12008
PU_MAN	Purchasing Manager	8000	15000
PU_CLERK	Purchasing Clerk	2500	5500
ST_MAN	Stock Manager	5500	8500
ST_CLERK	Stock Clerk	2008	5000
SH_CLERK	Shipping Clerk	2500	5500
IT_PROG	Programmer	4000	10000
MK_MAN	Marketing Manager	9000	15000
MK_REP	Marketing Representative	4000	9000
HR_REP	Human Resources Representative	4000	9000
PR_REP	Public Relations Representative	4500	10500

Employees

EMPLOYEE_ID	LAST_NAME	MANAGER_ID	SALARY	DEPARTMENT_ID
100	King	(null)	24000	90
101	Kochhar	100	17000	90
102	De Haan	100	17000	90
103	Hunold	102	9000	60
104	Ernst	103	6000	60
105	Austin	103	4800	60
106	Pataballa	103	4800	60
107	Lorentz	103	4200	60
108	Greenberg	101	12008	100
109	Faviet	108	9000	100
110	Chen	108	8200	100
111	Sciarra	108	7700	100
112	Urman	108	7800	100
113	Popp	108	6900	100
114	Raphaely	100	11000	30
115	Khoo	114	3100	30
116	Baida	114	2900	30
117	Tobias	114	2800	30
118	Himuro	114	2600	30
119	Colmenares	114	2500	30
120	Weiss	100	8000	50
121	Frapp	100	8200	50
122	Kaufling	100	7900	50
123	Vollman	100	6500	50
124	Mourgos	100	5800	50
125	Nayer	120	3200	50

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Departments

DEPARTMENT_ID	DEPARTMENT_NAME	MANAGER_ID	LOCATION_ID
10	Administration	200	1700
20	Marketing	201	1800
30	Purchasing	114	1700
40	Human Resources	203	2400
50	Shipping	121	1500
60	IT	103	1400
70	Public Relations	204	2700
80	Sales	145	2500
90	Executive	100	1700
100	Finance	108	1700
110	Accounting	205	1700
120	Treasury	(null)	1700
130	Corporate Tax	(null)	1700
140	Control And Credit	(null)	1700
150	Shareholder Services	(null)	1700
160	Benefits	(null)	1700
170	Manufacturing	(null)	1700
180	Construction	(null)	1700
190	Contracting	(null)	1700
200	Operations	(null)	1700
210	IT Support	(null)	1700
220	NOC	(null)	1700
230	IT Helpdesk	(null)	1700
240	Government Sales	(null)	1700
250	Retail Sales	(null)	1700
260	Recruiting	(null)	1700
270	Payroll	(null)	1700

Employees

EMPLOYEE_ID	LAST_NAME	MANAGER_ID	SALARY	DEPARTMENT_ID
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101	Kochhar	100	17000	90
102	De Haan	100	17000	90
103	Hunold	102	9000	60
104	Ernst	103	6000	60
105	Austin	103	4800	60
106	Pataballa	103	4800	60
107	Lorentz	103	4200	60
108	Greenberg	101	12008	100
109	Faviet	108	9000	100
110	Chen	108	8200	100
111	Sciarra	108	7700	100
112	Urman	108	7800	100
113	Popp	108	6900	100
114	Raphaely	100	11000	30
115	Khoo	114	3100	30
116	Baida	114	2900	30
117	Tobias	114	2800	30
118	Himuro	114	2600	30
119	Colmenares	114	2500	30
120	Weiss	100	8000	50
121	Fripp	100	8200	50
122	Kaufling	100	7900	50
123	Vollman	100	6500	50
124	Mourgos	100	5800	50
125	Nayer	120	3200	50

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Employees

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107	Lorentz	103	4200	60
108	Greenberg	101	12008	100
109	Faviet	108	9000	100
110	Chen	108	8200	100
111	Sciarra	108	7700	100
112	Urman	108	7800	100
113	Popp	108	6900	100
114	Raphaely	100	11000	30
115	Khoo	114	3100	30
116	Baida	114	2900	30
117	Tobias	114	2800	30
118	Himuro	114	2600	30
119	Colmenares	114	2500	30
120	Weiss	100	8000	50
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100	Finance	108	1700
110	Accounting	205	1700
120	Treasury	(null)	1700
130	Corporate Tax	(null)	1700
140	Control And Credit	(null)	1700
150	Shareholder Services	(null)	1700
160	Benefits	(null)	1700
170	Manufacturing	(null)	1700
180	Construction	(null)	1700
190	Contracting	(null)	1700
200	Operations	(null)	1700
210	IT Support	(null)	1700
220	NOC	(null)	1700
230	IT Helpdesk	(null)	1700
240	Government Sales	(null)	1700
250	Retail Sales	(null)	1700
260	Recruiting	(null)	1700
270	Payroll	(null)	1700

Locations

LOCATION_ID	CITY	STREET_ADDRESS
1000	Roma	1297 Via Cola di Rie
1100	Venice	93091 Calle della Testa
1200	Tokyo	2017 Shinjuku-ku
1300	Hiroshima	9450 Kamiya-cho
1400	Southlake	2014 Jabberwocky Rd
1500	South San Francisco	2011 Interiors Blvd
1600	South Brunswick	2007 Zagora St
1700	Seattle	2004 Charade Rd
1800	Toronto	147 Spadina Ave
1900	Whitehorse	6092 Boxwood St
2000	Beijing	40-5-12 Laogianggen
2100	Bombay	1298 Vileparle (E)
2200	Sydney	12-98 Victoria Street
2300	Singapore	198 Clementi North
2400	London	8204 Arthur St
2500	Oxford	Magdalen Centre, The Oxford Science Park
2600	Stretford	9702 Chester Road
2700	Munich	Schwanthalerstr. 7031
2800	Sao Paulo	Rua Frei Caneca 1360
2900	Geneva	20 Rue des Corps-Saints
3000	Bern	Murtenstrasse 921
3100	Utrecht	Pieter Breughelstraat 837
3200	Mexico City	Mariano Escobedo 9991

Employees

	EMPLOYEE_ID	LAST_NAME	JOB_ID	SALARY	DEPARTMENT_ID
1	100	King	AD_PRES	24000	90
2	101	Kochhar	AD_VP	17000	90
3	102	De Haan	AD_VP	17000	90
4	103	Hunold	IT_PROG	9000	60
5	104	Ernst	IT_PROG	6000	60
6	105	Austin	IT_PROG	4800	60
7	106	Pataballa	IT_PROG	4800	60
8	107	Lorentz	IT_PROG	4200	60
9	108	Greenberg	FI_MGR	12008	100
10	109	Faviet	FI_ACCOUNT	9000	100
11	110	Chen	FI_ACCOUNT	8200	100
12	111	Sciarra	FI_ACCOUNT	7700	100
13	112	Urman	FI_ACCOUNT	7800	100
14	113	Popp	FI_ACCOUNT	6900	100
15	114	Raphaely	PU_MAN	11000	30
16	115	Khoo	PU_CLERK	3100	30
17	116	Baida	PU_CLERK	2900	30
18	117	Tobias	PU_CLERK	2800	30
19	118	Himuro	PU_CLERK	2600	30
20	119	Colmenares	PU_CLERK	2500	30
21	120	Weiss	ST_MAN	8000	50
22	121	Fripp	ST_MAN	8200	50
23	122	Kaufling	ST_MAN	7900	50
24	123	Vollman	ST_MAN	6500	50
25	124	Mourgos	ST_MAN	5800	50
26	125	Nayer	ST_CLERK	3200	50

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Jobs

JOB_ID	JOB_TITLE
AD_PRES	President
AD_VP	Administration Vice President
AD_ASST	Administration Assistant
FI_MGR	Finance Manager
FI_ACCOUNT	Accountant
AC_MGR	Accounting Manager
AC_ACCOUNT	Public Accountant
SA_MAN	Sales Manager
SA_REP	Sales Representative
PU_MAN	Purchasing Manager
PU_CLERK	Purchasing Clerk
ST_MAN	Stock Manager
ST_CLERK	Stock Clerk
SH_CLERK	Shipping Clerk
IT_PROG	Programmer
MK_MAN	Marketing Manager
MK_REP	Marketing Representative
HR_REP	Human Resources Representative
PR_REP	Public Relations Representative

Employees

EMPLOYEE_ID	LAST_NAME	MANAGER_ID	SALARY	DEPARTMENT_ID
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119	Colmenares	114	2500	30
120	Weiss	100	8000	50
121	Fripp	100	8200	50
122	Kaufling	100	7900	50
123	Vollman	100	6500	50
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125	Nayer	120	3200	50

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100	Finance	108	1700
110	Accounting	205	1700
120	Treasury	(null)	1700
130	Corporate Tax	(null)	1700
140	Control And Credit	(null)	1700
150	Shareholder Services	(null)	1700
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170	Manufacturing	(null)	1700
180	Construction	(null)	1700
190	Contracting	(null)	1700
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220	NOC	(null)	1700
230	IT Helpdesk	(null)	1700
240	Government Sales	(null)	1700
250	Retail Sales	(null)	1700
260	Recruiting	(null)	1700
270	Payroll	(null)	1700

Locations

LOCATION_ID	CITY	STREET_ADDRESS
1000	Roma	1297 Via Cola di Rie
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1200	Tokyo	2017 Shinjuku-ku
1300	Hiroshima	9450 Kamiya-cho
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1900	Whitehorse	6092 Boxwood St
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2400	London	8204 Arthur St
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2600	Stretford	9702 Chester Road
2700	Munich	Schwanthalerstr. 7031
2800	Sao Paulo	Rua Frei Caneca 1360
2900	Geneva	20 Rue des Corps-Saints
3000	Bern	Murtenstrasse 921
3100	Utrecht	Pieter Breughelstraat 837
3200	Mexico City	Mariano Escobedo 9991

Employees

EMPLOYEE_ID	LAST_NAME	JOB_ID	HIRE_DATE	DEPARTMENT_ID
1	200 Whalen	AD_ASST	17-SEP-87	10
2	201 Hartstein	MK_MAN	17-FEB-96	20
3	202 Fay	MK_REP	17-AUG-97	20
4	205 Higgins	AC_MGR	07-JUN-94	110
5	206 Gietz	AC_ACCOUNT	07-JUN-94	110
6	100 King	AD_PRES	17-JUN-87	90
7	101 Kochhar	AD_VP	21-SEP-89	90
8	102 De Haan	AD_VP	13-JAN-93	90
9	103 Hunold	IT_PROG	03-JAN-90	60
10	104 Ernst	IT_PROG	21-MAY-91	60
11	107 Lorentz	IT_PROG	07-FEB-99	60
12	124 Mourgos	ST_MAN	16-NOV-99	50
13	141 Rajs	ST_CLERK	17-OCT-95	50
14	142 Davies	ST_CLERK	29-JAN-97	50
15	143 Matos	ST_CLERK	15-MAR-98	50
16	144 Vargas	ST_CLERK	09-JUL-98	50
17	149 Zlotkey	SA_MAN	29-JAN-00	80
18	174 Abel	SA_REP	11-MAY-96	80
19	176 Taylor	SA_REP	24-MAR-98	80
20	178 Grant	SA_REP	24-MAY-99	(null)

Job_history

EMPLOYEE_ID	START_DATE	END_DATE	JOB_ID	DEPARTMENT_ID
1	102 13-JAN-93	24-JUL-98	IT_PROG	60
2	101 21-SEP-89	27-OCT-93	AC_ACCOUNT	110
3	101 28-OCT-93	15-MAR-97	AC_MGR	110
4	201 17-FEB-96	19-DEC-99	MK_REP	20
5	114 24-MAR-98	31-DEC-99	ST_CLERK	50
6	122 01-JAN-99	31-DEC-99	ST_CLERK	50
7	200 17-SEP-87	17-JUN-93	AD_ASST	90
8	176 24-MAR-98	31-DEC-98	SA_REP	80
9	176 01-JAN-99	31-DEC-99	SA_MAN	80
10	200 01-JUL-94	31-DEC-98	AC_ACCOUNT	90