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Skill

```
SQL> SELECT * FROM skill;
```

CODE	NAME	CATEGORY
1001	Python	Programming
1002	Sql	Programming
1011	Marketing	Business
1012	Negotiation	Business
1021	PowerPoint	Daily_work
1022	Word	Daily_work

6 rows selected.

Employee

Null value is the super_id for CEO (who doesn't have a supervisor)

```
SQL> SELECT * FROM employee;
```

EMP_NUM	LNAME	FNAME	DOB	HIRE_DATE	SUPER_ID	DEPT_CODE
4013	Kim	Sara	03-JUL-73	01-SEP-01		3003
4001	Mary	Ken	12-NOV-80	01-SEP-02	4013	3001
4007	Madore	Jassica	04-MAY-89	01-JUN-18	4013	3003
4010	Lin	Jewel	23-OCT-86	01-JUN-08	4013	3002
4018	Forbes	Lucy	16-SEP-76	01-MAR-18	4013	3004
4020	Kevin	Ling	01-SEP-88	01-MAR-07	4013	3005
4002	Wang	Lisa	20-DEC-75	01-MAY-01	4001	3001
4003	Li	Katty	21-MAR-95	01-MAY-20	4001	3001
4004	Ran	Melody	06-JAN-00	01-MAY-21	4010	3002
4005	Smith	Ruby	05-MAR-90	01-MAY-08	4010	3002
4006	Madore	Leah	23-MAR-91	01-MAY-20	4010	3002
4008	Novac	David	17-MAR-97	01-JUN-18	4007	3003
4009	Huang	Lily	21-APR-87	01-JUN-18	4007	3003
4011	Hilton	Mercy	12-NOV-97	01-SEP-21	4007	3003
4012	Peng	Sara	07-DEC-98	01-SEP-21	4007	3003
4014	Murry	John	21-JAN-86	01-SEP-10	4007	3003
4015	Murry	Tony	04-JAN-01	01-SEP-21	4007	3003

4016	Li	Toby	03-JUN-76	01-SEP-05	4018	3004
4017	Ning	Zheng	23-MAY-94	01-MAR-18	4018	3004
4019	Hilary	Victoria	03-AUG-87	01-MAR-06	4018	3004
4021	Jason	Hong	23-MAY-99	01-SEP-21	4020	3005
4022	Cassay	Milton	04-JAN-01	01-MAR-21	4020	3005

22 rows selected.

Department

```
SQL> SELECT * FROM department;
```

DEPT_CODE	NAME	LOCATION	PHONE	MANAGER_ID
3001	Personnel Department	Pittsburgh	4128881111	4001
3002	Marketing Department	Pittsburgh	4128881112	4010
3003	Technology Department	New York	4128881113	4007
3004	Operational Department	New York	4128881114	4018

Training

```
SQL> SELECT * FROM training;
```

TRAIN_NUM	CODE	EMP_NUM	NAME	DATE_ACQU	COMMENTS
2001	1001	4001	Introduction to Python	10-JAN-03	Pass
2002	1001	4001	Advanced Python	10-FEB-04	Good
2003	1001	4001	Advanced Python	10-MAR-05	Excellent
2004	1002	4002	Database Fundamental	20-JAN-03	Pass
2005	1002	4003	MySQL Training	20-FEB-21	Good
2006	1011	4003	Marketing Analysis	15-JUN-21	Excellent
2007	1012	4004	Negotiation Strategy for Consulting	15-OCT-21	Pass
2008	1021	4004	PowerPoint Tips	01-NOV-21	Good
2009	1022	4005	Training for Microsoft Word	10-SEP-09	Excellent
2010	1022	4006	Training for Microsoft Word	10-SEP-21	Pass
2011	1022	4007	Training for Microsoft Word	01-OCT-19	Good
2012	1001	4008	Introduction to Python	10-JAN-19	Excellent
2013	1001	4009	Advanced Python	10-FEB-19	Pass
2014	1002	4010	Database Fundamental	10-MAR-09	Good
2015	1002	4010	Database Fundamental	20-JAN-10	Excellent
2016	1002	4010	Database Fundamental	20-FEB-11	Pass
2017	1011	4010	Marketing Analysis	15-JUN-09	Good
2018	1012	4011	Negotiation Strategy for Consulting	15-NOV-21	Excellent

2019	1021	4011 PowerPoint Tips	01-OCT-21	Pass
2020	1022	4012 Training for Microsoft Word	10-SEP-21	Good
2021	1022	4013 Training for Microsoft Word	10-SEP-02	Excellent
2022	1022	4014 Training for Microsoft Word	01-OCT-11	Pass
2023	1001	4015 Introduction to Python	10-SEP-21	Good
2024	1001	4016 Advanced Python	10-FEB-06	Excellent
2025	1001	4016 Advanced Python	10-MAR-07	Pass
2026	1002	4017 MySQL Training	20-JAN-19	Good
2027	1002	4017 MySQL Training	20-FEB-19	Excellent
2028	1011	4018 Marketing Analysis	15-JUN-19	Pass
2029	1012	4019 Negotiation Strategy for Consulting	15-NOV-07	Good
2030	1011	4020 Negotiation Strategy for Consulting	01-OCT-11	Pass

30 rows selected.

Project

Null values are for on-going projects

```
SQL> SELECT * FROM project;
```

PROJ_NUMBER	NAME	START_DAT	TOTAL_COST	DEPT_CODE	CLIENT_ID	CODE
6001	Project A	01-MAR-20	634000	3002	5001	1002
6002	Project B	01-MAY-21	540000	3001	5001	1001
6003	Project C	01-MAR-21	728000	3003	5003	1011
6004	Project D	01-SEP-20	822000	3004	5004	1012
6005	Project E	01-DEC-21		3001	5005	1021
6006	Project F	06-MAY-20	1198000	3002	5004	1012
6007	Project G	01-SEP-20		3004	5001	1022
6008	Project H	01-FEB-21	2101000	3004	5002	1001
6009	Project I	01-JAN-21	2362700	3004	5002	1002
6010	Project J	01-SEP-21	123421	3003	5002	1001

10 rows selected.

Assignment

Null values are for on-going assignments

```
SQL> SELECT * FROM assignment;
```

ASSIGN_NUM	PROJ_NUMBER	EMP_NUM	DATE_ASSI	DATE_ENDE	HOURS_USED
-----	-----	-----	-----	-----	-----
7001	6001	4002	01-MAR-20	24-MAR-20	128
7002	6001	4003	01-MAR-20	27-MAR-20	146
7003	6001	4002	01-JAN-21	30-JAN-21	200
7004	6001	4003	01-JAN-21	30-JAN-21	200
7005	6002	4005	01-MAY-21	24-MAY-21	150
7006	6002	4006	01-MAY-21	24-MAY-21	150
7007	6003	4016	01-MAR-21	28-MAR-21	200
7008	6004	4017	01-SEP-20	27-SEP-20	120
7009	6005	4019	01-DEC-21		
7010	6006	4001	06-MAY-20	28-MAY-20	180
7011	6006	4007	07-MAY-20	28-MAY-20	150
7012	6006	4010	08-MAY-20	28-MAY-20	90
7013	6007	4018	01-SEP-20	21-SEP-20	130
7014	6007	4002	01-DEC-21		
7015	6008	4015	01-FEB-21	28-FEB-21	200

7016	6009	4015 01-JAN-21 15-JAN-21	200
7017	6004	4017 01-OCT-20 20-OCT-20	150
7018	6004	4017 01-NOV-20 27-NOV-20	180
7019	6004	4017 02-DEC-20 27-DEC-20	110
7020	6004	4013 01-AUG-20 27-AUG-20	130
7021	6004	4013 03-JUL-20 27-JUL-20	140
7022	6005	4013 01-DEC-21	
7023	6005	4016 01-DEC-21	
7024	6007	4017 01-SEP-20 21-SEP-20	120
7025	6007	4019 01-SEP-20 21-SEP-20	100
7026	6010	4019 01-SEP-21 20-SEP-21	100

26 rows selected.

Client

```
SQL> SELECT * FROM client;
```

CLIENT_ID	NAME	STREET	CITY	STATE	ZIP_C	INDUSTRY	WEB_ADDRESS	PHONE	CONTACT_LNAME	CONTACT_FN
5001	eBay	2715 Murray Avenue	Pittsburgh	Pennsylvania	15217	Automobile	www.ebay.edu	4128809346	Eiben	Ben
5002	Amazon	2787 Mills Ave	New York	New York	10004	Technology	www.amazon.com	9997800001	Hyatt	Mark
5003	HomeDepot	400 N Highland Ave	Philadelphia	Pennsylvania	15218	Furniture	www.homedepot.edu	6234007800	Smith	Karen
5004	Target	345 Craig Ave	Phoneix	Arizona	10087	Ecommerce	www.target.co	3245679000	Jones	Tony
5005	Walmart	678 Forbes Ave	San Jose	California	12934	Ecommerce	walmart.org	4245506789	Clay	Kim
5006	Ulta	898 N Marshalls	San Diego	California	14001	Retail	www.marshalls.org	3456007834	Nath	Matin
5007	Glossier	898 N Forbes	Chicago	Illinois	13002	Beauty	www.glossier.com	3446007834	Kasari	Mira
5008	Google	1600 Parkway	Mountain View	California	94043	Technology		8004190157	Lily	Wang

8 rows selected.