26:

CREATE TABLE customers (

id INT PRIMARY KEY,

email VARCHAR(255) NOT NULL

);

CREATE TABLE site\_metrics (

customer\_id INT,

cpu\_usage DECIMAL(5,2),

memory\_usage DECIMAL(5,2),

disk\_usage DECIMAL(5,2),

FOREIGN KEY (customer\_id) REFERENCES customers(id)

);

INSERT INTO customers (id, email) VALUES

(1, 'lrathke0@usa.gov'),

(2, 'epearsall1@fema.gov'),

(3, 'sivasechko2@cisco.com');

INSERT INTO site\_metrics (customer\_id, cpu\_usage, memory\_usage, disk\_usage) VALUES

(1, 31.53, 80.84, 1.51),

(1, 12.54, 26.47, 47.74),

(1, 12.34, 46.24, 34.43),

(1, 26.64, 84.98, 17.56),

(2, 80.45, 50.05, 10.63),

(2, 40.14, 86.67, 15.98),

(2, 30.14, 34.38, 17.67),

(2, 1.11, 83.44, 2.95),

(3, 30.60, 18.60, 28.02),

(3, 41.64, 33.64, 5.20),

(3, 31.88, 7.37, 91.14),

(3, 43.20, 9.56, 40.40),

(3, 2.33, 34.29, 18.65),

(3, 11.50, 32.89, 71.39),

(3, 39.57, 4.49, 48.05),

(3, 25.06, 23.77, 33.00),

(3, 32.81, 1.59, 25.85),

(3, 48.38, 79.21, 8.31),

(3, 11.62, 26.75, 71.71),

(3, 54.43, 6.48, 4.86);

27:

CREATE TABLE customers (

id INT PRIMARY KEY,

email VARCHAR(255) NOT NULL

);

CREATE TABLE sites (

customer\_id INT,

url VARCHAR(255) NOT NULL,

is\_active BOOLEAN NOT NULL,

FOREIGN KEY (customer\_id) REFERENCES customers(id)

);

INSERT INTO customers (id, email) VALUES

(1, 'dcristofol0@slashdot.org'),

(2, 'mbillanie1@japanpost.jp'),

(3, 'hmainz2@utexas.edu');

INSERT INTO sites (customer\_id, url, is\_active) VALUES

(1, 'https://trellian.com', TRUE),

(1, 'https://www.google.de', TRUE),

(1, 'https://merriam-webster.com', TRUE),

(1, 'https://wordpress.com', TRUE),

(1, 'https://nsw.gov.au', TRUE),

(1, 'https://www.barnesandnoble.com', TRUE),

(1, 'https://www.yahoo.com', TRUE),

(2, 'https://cloudflare.com', FALSE),

(2, 'https://www.is.gd', TRUE),

(2, 'https://www.unesco.org', TRUE),

(3, 'https://www.sina.com.cn', FALSE),

(3, 'https://xinhuanet.com', TRUE),

(3, 'https://cyberchimps.com', TRUE),

(3, 'https://ask.com', TRUE),

(3, 'https://businessinsider.com', TRUE),

(3, 'https://www.dailymail.co.uk', TRUE),

(3, 'https://www.guardian.co.uk', TRUE),

(3, 'https://www.microsoft.com', TRUE),

(3, 'https://www.gizmodo.com', TRUE),

(3, 'https://www.163.com', TRUE);

28:

CREATE TABLE accounts (

id INT PRIMARY KEY,

iban VARCHAR(255) NOT NULL

);

CREATE TABLE income (

account\_id INT,

dt VARCHAR(19) NOT NULL,

amount DECIMAL(6,2) NOT NULL,

FOREIGN KEY (account\_id) REFERENCES accounts(id)

);

INSERT INTO accounts (id, iban) VALUES

(1, 'SK39 8924 2092 2997 1101 4161'),

(2, 'PL28 9141 8610 8442 2367 7521 0000'),

(3, 'CH93 8418 0F7G KQK4 NEHF Q'),

(4, 'GT41 TBM8 DPFH MTNS BVW5 D4CX VIRR'),

(5, 'IT27 Y015 0159 036T W7E5 I6ZD EQZ');

INSERT INTO income (account\_id, dt, amount) VALUES

(1, '2024-01-17 16:43:20', 4061.53),

(1, '2024-02-28 05:30:15', 4488.11),

(1, '2024-04-07 05:41:27', 4001.91),

(2, '2023-12-21 07:38:45', 4313.69),

(2, '2024-01-08 04:48:45', 3640.82),

(2, '2024-01-20 17:31:20', 3385.15),

(3, '2024-01-06 23:18:30', 2347.15),

(3, '2024-03-08 12:53:20', 3814.86),

(3, '2024-04-01 21:18:16', 2764.27),

(4, '2024-01-02 23:52:06', 3526.08),

(4, '2024-02-04 12:32:28', 2221.91),

(4, '2024-02-11 19:44:53', 4197.07),

(4, '2024-03-06 06:28:34', 1357.44),

(4, '2024-03-16 16:13:49', 1854.52),

(5, '2023-12-31 22:08:57', 2819.54),

(5, '2024-01-14 18:03:47', 2641.20),

(5, '2024-01-23 07:50:22', 3692.56),

(5, '2024-02-28 23:43:28', 1999.09),

(5, '2024-03-20 10:29:44', 1670.18),

(5, '2024-03-27 11:12:04', 1193.15);

29:

CREATE TABLE accounts (

id INT PRIMARY KEY,

iban VARCHAR(255) NOT NULL

);

CREATE TABLE income (

account\_id INT REFERENCES accounts(id),

dt VARCHAR(19) NOT NULL,

amount DECIMAL(6,2) NOT NULL

);

INSERT INTO accounts (id, iban) VALUES

(1, 'FR55 4477 6154 73ND TN3F HMOU T36'),

(2, 'DK46 1272 1831 2573 01'),

(3, 'RS53 5237 5794 6016 5411 43');

INSERT INTO income (account\_id, dt, amount) VALUES

(1, '2022-12-31 10:03:42', 2779.19),

(1, '2023-02-04 08:50:14', 1777.68),

(1, '2023-02-13 04:22:07', 1954.81),

(1, '2023-03-04 14:46:04', 1547.79),

(1, '2023-05-23 15:42:13', 1208.49),

(1, '2023-05-24 23:24:07', 1521.72),

(1, '2023-07-28 11:01:46', 1792.75),

(1, '2023-12-07 14:19:09', 2374.25),

(1, '2024-01-27 05:55:36', 2803.39),

(2, '2022-12-03 18:04:34', 1826.65),

(2, '2023-02-17 00:59:57', 3074.11),

(2, '2023-03-01 08:17:15', 1007.30),

(2, '2023-08-19 09:16:41', 4515.04),

(2, '2024-01-08 04:14:22', 3321.78),

(2, '2024-01-10 15:16:28', 2033.87),

(3, '2023-05-09 07:28:27', 3158.66),

(3, '2023-05-22 04:39:34', 3851.20),

(3, '2023-07-21 19:51:14', 4152.29),

(3, '2023-10-05 05:42:49', 4722.20),

(3, '2023-11-11 02:42:59', 1592.16);

30:

CREATE TABLE customers (

id INT PRIMARY KEY,

email VARCHAR(255) NOT NULL

);

CREATE TABLE income (

customer\_id INT REFERENCES customers(id),

dt VARCHAR(19) NOT NULL,

amount DECIMAL(6,2) NOT NULL

);

CREATE TABLE expenses (

customer\_id INT REFERENCES customers(id),

dt VARCHAR(19) NOT NULL,

amount DECIMAL(6,2) NOT NULL

);

INSERT INTO customers (id, email) VALUES

(1, 'otoohey0@elpais.com'),

(2, 'egrebbin1@state.gov'),

(3, 'arides2@sohu.com');

INSERT INTO expenses (customer\_id, dt, amount) VALUES

(1, '2024-02-21 22:12:12', 90.41),

(1, '2024-02-27 06:48:37', 792.88),

(1, '2024-03-10 05:19:43', 442.01),

(1, '2024-03-11 19:48:25', 327.35),

(1, '2024-03-24 22:03:06', 639.62),

(1, '2024-03-29 00:37:46', 150.12),

(1, '2024-04-02 03:36:50', 257.67),

(2, '2024-02-21 06:11:26', 400.22),

(2, '2024-03-11 15:34:19', 298.41),

(2, '2024-03-25 04:36:27', 376.87),

(2, '2024-03-29 19:05:51', 530.07),

(2, '2024-03-30 07:07:28', 287.84),

(2, '2024-04-02 15:44:22', 868.03),

(3, '2024-03-01 16:02:47', 33.30),

(3, '2024-03-06 11:53:42', 838.51),

(3, '2024-03-20 23:34:48', 968.08),

(3, '2024-03-21 21:18:08', 35.36),

(3, '2024-03-30 06:51:13', 956.12),

(3, '2024-03-31 10:11:56', 896.32),

(3, '2024-03-31 22:36:57', 740.94);

INSERT INTO income (customer\_id, dt, amount) VALUES

(1, '2024-02-20 21:00:55', 366.66),

(1, '2024-03-11 03:25:04', 769.38),

(1, '2024-03-15 00:49:53', 84.10),

(1, '2024-03-21 18:32:51', 839.48),

(1, '2024-03-29 15:34:13', 333.97),

(1, '2024-04-01 00:34:24', 253.13),

(1, '2024-04-02 11:13:49', 263.56),

(2, '2024-02-20 15:03:26', 822.75),

(2, '2024-02-26 14:57:39', 277.23),

(2, '2024-03-19 09:24:47', 24.08),

(2, '2024-03-20 15:54:24', 988.34),

(2, '2024-04-02 08:28:38', 990.54),

(3, '2024-02-21 10:23:33', 430.82),

(3, '2024-02-29 08:25:32', 482.85),

(3, '2024-03-01 05:10:42', 962.60),

(3, '2024-03-04 08:27:34', 30.21),

(3, '2024-03-19 12:12:01', 80.00),

(3, '2024-03-21 00:32:10', 674.76),

(3, '2024-03-23 14:14:32', 863.79),

(3, '2024-04-09 13:37:07', 51.42);

31:

-- Customers Table

CREATE TABLE customers (

id INT PRIMARY KEY,

email VARCHAR(255) NOT NULL

);

-- Expenses Table

CREATE TABLE expenses (

customer\_id INT,

amount DECIMAL(6,2) NOT NULL,

FOREIGN KEY (customer\_id) REFERENCES customers(id)

);

-- Income Table

CREATE TABLE income (

customer\_id INT,

amount DECIMAL(6,2) NOT NULL,

FOREIGN KEY (customer\_id) REFERENCES customers(id)

);

INSERT INTO customers (id, email) VALUES

(1, 'dtollmache0@typepad.com'),

(2, 'eclutterbuck1@baidu.com'),

(3, 'mdensun2@ustream.tv');

INSERT INTO expenses (customer\_id, amount) VALUES

(1, 136.18),

(1, 323.28),

(1, 383.37),

(1, 505.41),

(1, 841.21),

(2, 5.23),

(2, 408.33),

(2, 489.45),

(2, 545.40),

(2, 591.43),

(2, 706.13),

(2, 716.82),

(2, 761.75),

(2, 796.30),

(3, 152.26),

INSERT INTO income (customer\_id, amount) VALUES

(1, 39.44),

(1, 49.49),

(1, 292.19),

(1, 419.36),

(1, 529.26),

(1, 695.43),

(1, 763.72),

(1, 797.92),

(1, 833.34),

(2, 139.42),

(2, 422.18),

(2, 506.59),

(2, 566.00),

(2, 697.92),

(2, 938.51),

(3, 304.66),

(3, 345.03),

(3, 371.86),

(3, 371.88),

(3, 552.08);

(3, 447.57),

(3, 685.03),

(3, 966.89),

(3, 967.30);

32:

CREATE TABLE products (

id INT PRIMARY KEY,

name VARCHAR(255)

);

CREATE TABLE sales (

product\_id INT,

dt VARCHAR(19),

amount DECIMAL(7,2),

FOREIGN KEY (product\_id) REFERENCES products(id)

);

INSERT INTO products (id, name) VALUES

(1, 'Luxury Gold Watch'),

(2, 'Smartphone Holder Stand'),

(3, 'Stainless Steel Water Bottle');

INSERT INTO sales (product\_id, dt, amount) VALUES

(1, '2024-01-13 17:12:22', 7008.16),

(1, '2024-01-03 03:15:27', 6191.64),

(1, '2024-01-22 18:29:09', 4527.86),

(1, '2024-01-26 19:38:53', 7828.36),

(1, '2024-02-17 09:27:13', 5273.16),

(1, '2024-02-11 09:51:24', 3364.73),

(1, '2024-02-22 23:53:15', 8584.33),

(2, '2024-01-28 11:33:58', 3710.06),

(2, '2024-01-25 14:47:25', 5221.02),

(2, '2024-01-21 07:58:53', 2525.72),

(2, '2024-03-15 14:16:18', 8158.08),

(2, '2024-03-12 17:02:01', 6760.77),

(3, '2024-01-13 19:27:51', 1942.79),

(3, '2024-02-15 08:04:40', 9186.38),

(3, '2024-03-06 08:02:37', 5821.97),

(3, '2024-03-03 15:39:18', 8676.24),

(2, '2024-04-08 09:53:01', 6327.20),

(1, '2023-12-26 05:48:22', 8360.43),

(1, '2023-12-15 14:52:51', 9101.30),

(3, '2023-12-21 15:57:50', 3857.98);

33:

-- Projects table

CREATE TABLE projects (

id INT PRIMARY KEY,

name VARCHAR(255)

);

-- Employees table

CREATE TABLE employees (

id INT PRIMARY KEY,

ein VARCHAR(255),

experience\_years INT

);

-- Mapping table (Many-to-Many)

CREATE TABLE projects\_employees (

project\_id INT,

employee\_id INT,

FOREIGN KEY (project\_id) REFERENCES projects(id),

FOREIGN KEY (employee\_id) REFERENCES employees(id),

PRIMARY KEY (project\_id, employee\_id) -- ensures unique assignments

);

INSERT INTO projects (id, name) VALUES

(1, 'Project X'),

(2, 'Sunshine Project'),

(3, 'Blue Sky Initiative');

INSERT INTO employees (id, ein, experience\_years) VALUES

(1, '62-0524667', 4),

(2, '62-1435366', 1),

(3, '29-3144922', 1),

(4, '80-9606443', 1),

(5, '63-6630813', 1);

INSERT INTO projects\_employees (project\_id, employee\_id) VALUES

(1, 1),

(1, 1),

(1, 2),

(1, 3),

(1, 5),

(2, 1),

(2, 1),

(2, 2),

(2, 5),

(3, 1),

(3, 1),

(3, 2),

(3, 3),

(3, 3),

(3, 4),

(3, 4),

(3, 5),

(3, 5),

(3, 5),

(3, 5);

34:

CREATE TABLE transactions (

dt VARCHAR(19),

wallet VARCHAR(255),

amount DECIMAL(4,2)

);

INSERT INTO transactions (dt, wallet, amount) VALUES

('2024-01-31 13:42:19', '0x1a2b3c4d5e6f7a8b9c0d1e2f3a4b5c', -5.78),

('2024-01-24 06:07:14', '0x1a2b3c4d5e6f7a8b9c0d1e2f3a4b5c', -2.79),

('2024-01-25 06:39:19', '0x9B8aDc2eFf4cC3DdEe5f6a7B8dE9aC1F', -2.73),

('2024-01-29 04:37:45', '0x9B8aDc2eFf4cC3DdEe5f6a7B8dE9aC1F', 4.68),

('2024-02-28 06:20:04', '0x1a2b3c4d5e6f7a8b9c0d1e2f3a4b5c', -7.36),

('2024-02-12 07:45:28', '0x1a2b3c4d5e6f7a8b9c0d1e2f3a4b5c', -3.71),

('2024-02-25 10:49:54', '0x1a2b3c4d5e6f7a8b9c0d1e2f3a4b5c', -3.53),

('2024-02-03 19:43:00', '0x1a2b3c4d5e6f7a8b9c0d1e2f3a4b5c', 4.01),

('2024-02-14 08:55:30', '0x1a2b3c4d5e6f7a8b9c0d1e2f3a4b5c', 8.20),

('2024-02-16 04:31:26', '0x3a4FbC5Df2E1bBfDdE5c4fA7bF8dE7aC1F', -8.96),

('2024-02-06 23:45:31', '0x3a4FbC5Df2E1bBfDdE5c4fA7bF8dE7aC1F', -7.88),

('2024-02-11 01:00:35', '0x3a4FbC5Df2E1bBfDdE5c4fA7bF8dE7aC1F', -7.66),

('2024-02-25 09:39:01', '0x3a4FbC5Df2E1bBfDdE5c4fA7bF8dE7aC1F', -7.45),

('2024-02-14 04:04:15', '0x3a4FbC5Df2E1bBfDdE5c4fA7bF8dE7aC1F', 4.17),

('2024-02-15 11:47:23', '0x3a4FbC5Df2E1bBfDdE5c4fA7bF8dE7aC1F', 7.56),

('2024-02-24 14:58:54', '0x9B8aDc2eFf4cC3DdEe5f6a7B8dE9aC1F', -1.45),

('2024-02-18 21:17:24', '0x9B8aDc2eFf4cC3DdEe5f6a7B8dE9aC1F', 1.05),

('2024-02-19 11:12:32', '0x9B8aDc2eFf4cC3DdEe5f6a7B8dE9aC1F', 3.67),

('2024-03-09 16:52:14', '0x1a2b3c4d5e6f7a8b9c0d1e2f3a4b5c', 1.07),

('2024-03-07 10:29:46', '0x9B8aDc2eFf4cC3DdEe5f6a7B8dE9aC1F', 7.26);

35:

CREATE TABLE employees (

id INT PRIMARY KEY,

email VARCHAR(255)

);

CREATE TABLE leave\_records (

employee\_id INT,

leave\_dt VARCHAR(19),

days\_taken INT,

FOREIGN KEY (employee\_id) REFERENCES employees(id)

);

INSERT INTO employees (id, email) VALUES

(1, 'jquartly0@macromedia.com'),

(2, 'cchastand1@stanford.edu'),

(3, 'lpuckrin2@creativecommons.org');

INSERT INTO leave\_records (employee\_id, leave\_dt, days\_taken) VALUES

(1, '2022-11-10 11:52:14', 4),

(1, '2022-09-07 23:22:46', 1),

(2, '2022-11-11 01:47:50', 7),

(3, '2022-11-06 23:12:27', 7),

(3, '2022-11-17 07:43:18', 7),

(1, '2023-05-19 04:40:25', 2),

(1, '2023-12-25 16:29:51', 7),

(1, '2023-03-12 18:54:29', 1),

(1, '2023-08-23 12:33:56', 6),

(2, '2023-04-20 04:19:10', 5),

(2, '2023-04-28 00:41:50', 7),

(3, '2023-06-11 18:49:25', 2),

(3, '2023-12-23 15:53:10', 7),

(3, '2023-03-13 13:46:16', 2),

(3, '2023-10-08 11:57:43', 2),

(3, '2023-04-12 07:49:02', 4),

(3, '2023-01-17 06:05:35', 6),

(1, '2024-02-05 16:01:59', 1),

(1, '2024-01-05 22:15:30', 7),

(2, '2024-02-21 00:50:11', 4);

36:

CREATE TABLE campaigns (

id INT PRIMARY KEY,

name VARCHAR(255)

);

CREATE TABLE email\_stats (

campaign\_id INT,

emails\_sent INT,

emails\_opened INT,

FOREIGN KEY (campaign\_id) REFERENCES campaigns(id)

);

INSERT INTO campaigns (id, name) VALUES

(1, 'SummerSale2021'),

(2, 'FallPromo'),

(3, 'WinterWonderland');

INSERT INTO email\_stats (campaign\_id, emails\_sent, emails\_opened) VALUES

(1, 1749, 775),

(1, 641, 423),

(1, 976, 598),

(1, 756, 121),

(1, 975, 107),

(1, 752, 367),

(1, 1068, 809),

(1, 1046, 589),

(1, 1212, 939),

(1, 567, 214),

(2, 1084, 283),

(2, 992, 478),

(2, 1505, 604),

(3, 899, 315),

(3, 742, 554),

(3, 1744, 917),

(3, 1163, 423),

(3, 1501, 948),

(3, 736, 451),

(3, 537, 434);

37:

CREATE TABLE bonds (

id INT PRIMARY KEY,

name VARCHAR(255)

);

CREATE TABLE maturities (

bond\_id INT,

maturity DATE,

FOREIGN KEY (bond\_id) REFERENCES bonds(id)

);

INSERT INTO bonds (id, name) VALUES

(1, 'Alpha Mortgage Bond'),

(2, 'Beta Mortgage Bond'),

(3, 'Gamma Mortgage Bond');

INSERT INTO maturities (bond\_id, maturity) VALUES

(1, '2024-01-26'),

(1, '2024-02-22'),

(1, '2024-03-26'),

(1, '2024-05-13'),

(1, '2024-07-06'),

(1, '2024-08-23'),

(1, '2024-09-06'),

(1, '2024-11-30'),

(1, '2024-12-30'),

(1, '2025-04-30'),

(1, '2025-05-03'),

(2, '2024-07-25'),

(2, '2024-12-07'),

(3, '2023-12-16'),

(3, '2024-01-25'),

(3, '2024-01-26'),

(3, '2024-05-04'),

(3, '2024-10-02'),

(3, '2024-12-14'),

(3, '2025-01-15');

38:

CREATE TABLE bonds (

id INT PRIMARY KEY,

name VARCHAR(255)

);

CREATE TABLE interest\_rates (

bond\_id INT,

rate DECIMAL(2,1),

CONSTRAINT fk\_bond

FOREIGN KEY (bond\_id) REFERENCES bonds(id)

);

INSERT INTO bonds (id, name) VALUES

(1, 'Alpha Mortgage Bond'),

(2, 'Beta Mortgage Bond'),

(3, 'Gamma Mortgage Bond');

INSERT INTO interest\_rates (bond\_id, rate) VALUES

(1, 1.4),

(1, 1.8),

(1, 2.0),

(1, 2.4),

(1, 3.4),

(1, 4.6),

(1, 4.7),

(1, 4.9),

(2, 2.0),

(2, 2.1),

(2, 3.0),

(2, 3.2),

(2, 4.0),

(3, 1.2),

(3, 1.3),

(3, 1.4),

(3, 2.1),

(3, 2.5),

(3, 3.5),

(3, 4.0);

39:

CREATE TABLE bondholders (

id INT PRIMARY KEY,

name VARCHAR(255)

);

CREATE TABLE bonds (

id INT PRIMARY KEY,

name VARCHAR(255),

annual\_coupon DECIMAL(5,2),

coupons\_remaining INT

);

CREATE TABLE bondholders\_bonds (

bondholder\_id INT,

bond\_id INT,

CONSTRAINT fk\_bondholder

FOREIGN KEY (bondholder\_id) REFERENCES bondholders(id),

CONSTRAINT fk\_bond

FOREIGN KEY (bond\_id) REFERENCES bonds(id)

);

INSERT INTO bondholders (id, name) VALUES

(1, 'Alex Smith'),

(2, 'Taylor Johnson'),

(3, 'Jordan Davis');

INSERT INTO bonds (id, name, annual\_coupon, coupons\_remaining) VALUES

(1, 'Golden Bonds', 150.00, 4),

(2, 'Silver Lining', 200.00, 2),

(3, 'Diamond Trust', 100.00, 4),

(4, 'Emerald Wealth', 350.00, 5),

(5, 'Ruby Returns', 150.00, 8),

(6, 'Sapphire Security', 450.00, 5),

(7, 'Amber Assurance', 100.00, 8),

(8, 'Topaz Treasury', 100.00, 2),

(9, 'Opal Opportunities', 150.00, 5),

(10, 'Pearl Prosperity', 450.00, 5),

(11, 'Platinum Promise', 450.00, 9),

(12, 'Jade Investments', 350.00, 1),

(13, 'Garnet Growth', 150.00, 4),

(14, 'Onyx Returns', 350.00, 2),

(15, 'Quartz Capital', 100.00, 2),

(16, 'Citrine Securities', 250.00, 2),

(17, 'Aquamarine Assets', 250.00, 2),

(18, 'Peridot Portfolio', 300.00, 8),

(19, 'Tourmaline Trust', 100.00, 6),

(20, 'Moonstone Money', 150.00, 9);

INSERT INTO bondholders\_bonds (bondholder\_id, bond\_id) VALUES

(1, 1),

(1, 2),

(1, 6),

(1, 8),

(1, 9),

(1, 13),

(1, 14),

(1, 16),

(1, 17),

(2, 4),

(2, 5),

(2, 7),

(2, 11),

(2, 15),

(2, 18),

(3, 3),

(3, 10),

(3, 12),

(3, 19),

(3, 20);

40:

CREATE TABLE investors (

id INT PRIMARY KEY,

email VARCHAR(255) UNIQUE

);

CREATE TABLE cash\_flows (

investor\_id INT,

cash\_flow DECIMAL(8,2),

CONSTRAINT fk\_investor

FOREIGN KEY (investor\_id) REFERENCES investors(id)

);

INSERT INTO investors (id, email) VALUES

(1, 'ematson0@ebay.co.uk'),

(2, 'lsalvadore1@msn.com'),

(3, 'aclowser2@patch.com');

INSERT INTO cash\_flows (investor\_id, cash\_flow) VALUES

(1, 184040.12),

(1, 179280.08),

(1, 179374.42),

(1, 79302.21),

(1, 87466.20),

(1, 194588.36),

(1, 153563.92),

(1, 56377.92),

(2, 59039.14),

(2, 167247.23),

(2, 59311.03),

(2, 183883.00),

(2, 118851.21),

(3, 58868.62),

(3, 96909.26),

(3, 103735.73),

(3, 171261.97),

(3, 86463.11),

(3, 56931.73),

(3, 194699.58);

41:

CREATE TABLE investors (

id INT PRIMARY KEY,

email VARCHAR(255) UNIQUE

);

CREATE TABLE cash\_flows (

investor\_id INT,

expected\_flow DECIMAL(8,2),

CONSTRAINT fk\_investor

FOREIGN KEY (investor\_id) REFERENCES investors(id)

);

INSERT INTO investors (id, email) VALUES

(1, 'tdowner0@timesonline.co.uk'),

(2, 'cgarza1@opera.com'),

(3, 'nbarwise2@si.edu');

INSERT INTO cash\_flows (investor\_id, expected\_flow) VALUES

(1, 24923.83),

(1, 30212.10),

(1, 87126.50),

(1, 56018.65),

(1, 93357.47),

(1, 55073.54),

(1, 27095.07),

(2, 44165.12),

(2, 43658.84),

(2, 35835.34),

(2, 12660.46),

(2, 58676.60),

(2, 95929.25),

(2, 47161.23),

(2, 80283.91),

(2, 54427.20),

(2, 93223.98),

(3, 19741.35),

(3, 12243.25),

(3, 50470.06);

42:

CREATE TABLE coupons (

id INT PRIMARY KEY,

coupon\_code VARCHAR(255) UNIQUE,

description VARCHAR(255),

is\_enabled SMALLINT

);

CREATE TABLE coupon\_uses (

coupon\_id INT,

amount DECIMAL(4,2),

CONSTRAINT fk\_coupon

FOREIGN KEY (coupon\_id) REFERENCES coupons(id)

);

INSERT INTO coupons (id, coupon\_code, description, is\_enabled) VALUES

(1, 'COUPON123', 'nisi nam ultrices libero non', 0),

(2, 'SAVE20', 'ac est lacinia', 1),

(3, 'DISCOUNT50', 'quis odio consequat', 1);

INSERT INTO coupon\_uses (coupon\_id, amount) VALUES

(1, 36.68),

(1, 3.56),

(1, 2.10),

(1, 39.58),

(2, 39.81),

(2, 24.07),

(2, 28.42),

(2, 31.03),

(2, 3.24),

(2, 36.33),

(3, 8.89),

(3, 30.44),

(3, 36.94),

(3, 42.65),

(3, 33.61),

(3, 41.92),

(3, 1.78),

(3, 20.26),

(3, 27.92),

(3, 0.23);

43:

CREATE TABLE professions (

id INT PRIMARY KEY,

title VARCHAR(255) UNIQUE

);

CREATE TABLE freelancers (

id INT PRIMARY KEY,

profession\_id INT,

email VARCHAR(255) UNIQUE,

CONSTRAINT fk\_profession

FOREIGN KEY (profession\_id) REFERENCES professions(id)

);

CREATE TABLE projects (

id INT PRIMARY KEY,

freelancer\_id INT,

status ENUM('Completed','Ongoing','Cancelled'),

income DECIMAL(6,2),

CONSTRAINT fk\_freelancer

FOREIGN KEY (freelancer\_id) REFERENCES freelancers(id)

);

INSERT INTO professions (id, title) VALUES

(1, 'Articial Intelligence Engineer'),

(3, 'Game Developer'),

(2, 'Network Administrator');

INSERT INTO freelancers (id, profession\_id, email) VALUES

(1, 1, 'lfernez0@microsoft.com'),

(3, 2, 'mbrydone2@delicious.com'),

(4, 2, 'jhamp3@4shared.com'),

(5, 3, 'cparfett4@twitter.com');

INSERT INTO projects (id, freelancer\_id, status, income) VALUES

(5, 1, 'Completed', 8562.13),

(11, 1, 'Completed', 6727.56),

(10, 3, 'Completed', 3753.46),

(20, 3, 'Completed', 6659.39),

(6, 4, 'Completed', 8459.28),

(13, 4, 'Completed', 5899.31),

(16, 4, 'Completed', 2709.63),

(4, 5, 'Completed', 5029.44),

(7, 5, 'Completed', 1763.94),

(9, 5, 'Completed', 6988.36),

(8, 3, 'Cancelled', 8699.67),

(1, 5, 'Cancelled', 5403.21),

(19, 3, 'Ongoing', 72.51),

(3, 4, 'Ongoing', 8561.14),

(15, 4, 'Ongoing', 9235.78),

(17, 4, 'Ongoing', 4307.76);

44:

-- Create categories table

CREATE TABLE categories (

id INT PRIMARY KEY,

title VARCHAR(255) UNIQUE

);

-- Create products table

CREATE TABLE products (

id INT PRIMARY KEY,

category\_id INT,

title VARCHAR(255),

sku VARCHAR(255) UNIQUE,

stock\_number INT,

FOREIGN KEY (category\_id) REFERENCES categories(id)

);

INSERT INTO categories (id, title) VALUES

(1, 'Electronics'),

(2, 'Clothing'),

(3, 'Home & Kitchen');

INSERT INTO products (id, category\_id, title, sku, stock\_number) VALUES

(11, 1, 'Elegant Gadget', 'EG-11', 4),

(3, 1, 'Luxury Gizmo', 'LG-3', 10),

(19, 1, 'Sleek Widget', 'SW-19', 8),

(8, 1, 'Sleek Widget', 'SW-8', 8),

(14, 2, 'Elegant Gadget', 'EG-14', 2),

(16, 2, 'Elegant Gadget', 'EG-16', 6),

(10, 2, 'Elegant Gadget', 'EG-10', 10),

(7, 2, 'Luxury Gizmo', 'LG-7', 3),

(2, 2, 'Luxury Gizmo', 'LG-2', 8),

(18, 2, 'Luxury Gizmo', 'LG-18', 9),

(1, 2, 'Sleek Widget', 'SW-1', 3),

(6, 2, 'Sleek Widget', 'SW-6', 7),

(20, 3, 'Elegant Gadget', 'EG-20', 10),

(9, 3, 'Luxury Gizmo', 'LG-9', 4),

(12, 3, 'Luxury Gizmo', 'LG-12', 5),

(13, 3, 'Luxury Gizmo', 'LG-13', 5),

(5, 3, 'Luxury Gizmo', 'LG-5', 9),

(4, 3, 'Sleek Widget', 'SW-4', 8),

(15, 3, 'Sleek Widget', 'SW-15', 9),

(17, 3, 'Sleek Widget', 'SW-17', 9);

45:

-- Create threat\_types table

CREATE TABLE threat\_types (

id INT PRIMARY KEY,

threat\_type VARCHAR(255)

);

-- Create quarantine\_urls table

CREATE TABLE quarantine\_urls (

id INT PRIMARY KEY,

threat\_id INT,

domain\_name VARCHAR(255),

status ENUM('Quarantined', 'Safe', 'Deleted'),

users\_affected INT,

FOREIGN KEY (threat\_id) REFERENCES threat\_types(id)

);

INSERT INTO threat\_types (id, threat\_type) VALUES

(1, 'Phishing'),

(2, 'Rootkit'),

(3, 'Malware');

INSERT INTO quarantine\_urls (id, threat\_id, domain\_name, status, users\_affected) VALUES

(17, 1, 'amazon.com', 'Quarantined', 862),

(16, 1, 'google.com', 'Quarantined', 63),

(9, 1, 'amazon.com', 'Quarantined', 41),

(18, 2, 'amazon.com', 'Quarantined', 149),

(12, 2, 'yahoo.com', 'Quarantined', 967),

(4, 3, 'amazon.com', 'Quarantined', 377),

(10, 3, 'yahoo.com', 'Quarantined', 721),

(11, 1, 'yahoo.com', 'Deleted', 551),

(20, 1, 'amazon.com', 'Safe', 407),

(19, 1, 'amazon.com', 'Deleted', 665),

(15, 1, 'facebook.com', 'Safe', 52),

(2, 1, 'google.com', 'Safe', 309),

(1, 2, 'twitter.com', 'Safe', 562),

(13, 2, 'facebook.com', 'Safe', 208),

(14, 2, 'google.com', 'Deleted', 731),

(8, 2, 'twitter.com', 'Safe', 924),

(7, 2, 'twitter.com', 'Safe', 982),

(6, 2, 'google.com', 'Deleted', 864),

(3, 2, 'facebook.com', 'Safe', 136),

(5, 3, 'yahoo.com', 'Safe', 949);