



select \* from route;

|  |  |
| --- | --- |
| ID | ROUTE\_NAME |
| 1 | EAST WEST LINE |
| 2 | NORTH SOUTH LINE |
| 3 | NORTH EAST LINE |
| 4 | CIRCLE LINE |
| 5 | DOWNTOWN LINE |
| 6 | DOWNTOWN TOWN |

select \* from station\_route;

|  |  |  |  |
| --- | --- | --- | --- |
| ID | STATION\_ID | ROUTE\_ID | POSITION |
| 101 | 501 | 1 | 1 |
| 102 | 502 | 1 | 2 |
| 103 | 503 | 1 | 3 |
| 104 | 504 | 1 | 4 |
| 105 | 505 | 1 | 5 |
| 106 | 506 | 2 | 1 |
| 107 | 507 | 2 | 2 |
| 108 | 508 | 2 | 3 |
| 109 | 509 | 2 | 4 |
| 110 | 510 | 2 | 5 |
| 111 | 511 | 3 | 1 |
| 112 | 512 | 3 | 2 |
| 113 | 513 | 3 | 3 |
| 114 | 514 | 3 | 4 |
| 115 | 515 | 3 | 5 |
| 116 | 516 | 4 | 1 |
| 117 | 517 | 4 | 2 |
| 118 | 518 | 4 | 3 |
| 119 | 519 | 4 | 4 |
| 120 | 520 | 4 | 5 |
| 121 | 521 | 5 | 1 |
| 122 | 522 | 5 | 2 |
| 123 | 523 | 5 | 3 |
| 124 | 524 | 5 | 4 |
| 125 | 525 | 5 | 5 |

select \* from metro\_train;

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | ROUTE\_ID | POSITION | UPDATED\_TIME | FORWARD |
| 1001 | 1 | 3 | 2017-12-21 09:10:20.0 | 1 |
| 1002 | 2 | 5 | 2017-12-22 14:50:15.0 | 0 |
| 1003 | 3 | 4 | 2017-12-21 09:15:15.0 | 0 |
| 1004 | 4 | 1 | 2017-12-21 09:15:15.0 | 1 |
| 1005 | 5 | 5 | 2017-12-23 10:15:25.0 | 0 |
| 1006 | 1 | 1 | 2017-12-23 21:15:15.0 | 1 |
| 1007 | 2 | 1 | 2017-12-22 09:00:15.0 | 1 |
| 1008 | 3 | 1 | 2017-12-21 10:15:15.0 | 1 |
| 1009 | 4 | 4 | 2017-12-21 09:10:15.0 | 0 |
| 1010 | 5 | 2 | 2017-12-23 22:45:15.0 | 0 |
| 1011 | 6 | 2 | 2017-12-23 22:45:15.0 | 0 |

select \* from train\_schedule;

|  |  |  |  |
| --- | --- | --- | --- |
| ID | METRO\_TRAIN\_ID | STATION\_ID | SCHEDULED\_TIME |
| 1 | 1001 | 505 | 2017-12-21 09:40:20.0 |
| 2 | 1002 | 506 | 2017-12-22 16:20:15.0 |
| 3 | 1003 | 511 | 2017-12-21 10:15:15.0 |
| 4 | 1004 | 520 | 2017-12-21 10:30:15.0 |
| 5 | 1005 | 521 | 2017-12-23 11:45:25.0 |
| 6 | 1006 | 525 | 2017-12-23 22:45:15.0 |
| 7 | 1007 | 510 | 2017-12-22 11:05:15.0 |
| 8 | 1008 | 515 | 2017-12-21 12:05:15.0 |
| 9 | 1009 | 516 | 2017-12-21 10:20:15.0 |
| 10 | 1010 | 521 | 2017-12-23 23:20:15.0 |

select \* from station;

|  |  |  |  |
| --- | --- | --- | --- |
| ID | NAME | LOCALITY | IS\_INTERCHANGE |
| 501 | PASIR RIS MRT STATION | PASIRRISDRIVE1,SINGAPORE | 0 |
| 502 | KEMBANGAN MRT STATION | 55 SIMS AVENUE EAST SINGAPORE 416551 | 0 |
| 503 | KALLANG MRT STATION | 5 SIMS AVENUE SINGAPORE 387405 | 0 |
| 504 | COMMONWEALTH MRT STATION | 375 COMMONWEALTH AVENUE SINGAPORE 149735 | 0 |
| 505 | JOO KOON MRT STATION | 91 JOO KOON CIRCLE,SINGAPORE 629116 | 0 |
| 506 | JURONG EAST MRT STATION | 10 JURONG EAST STREET 12,SINGAPORE 609690 | 1 |
| 507 | WOODLANDS MRT STATION | 30 WOODLANDS AVENUE 2 SINGAPORE 738343 | 0 |
| 508 | YIO CHU KANG MRT STATION | 3000 ANG MO KIO AVENUE 6 SINGAPORE 569813 | 0 |
| 509 | NOVENA MRT STATION | 250 THOMSON ROAD SINGAPORE 307642 | 0 |
| 510 | MARINA BAY MRT STATION | 21 PARK STREET SINGAPORE 018925 | 1 |
| 511 | HARBOURFRONT MRT STATION | 81 TELOK BLANGAH ROAD SINGAPORE 098867 | 1 |
| 512 | CHINATOWN MRT STATION | 151 NEW BRIDGE ROAD SINGAPORE 059443 | 1 |
| 513 | LITTLE INDIA MRT STATION | 60 BUKIT TIMAH ROAD SINGAPORE 229900 | 1 |
| 514 | KOVAN MRT STATION | 900 UPPER SERANGOON ROAD SINGAPORE 534799 | 0 |
| 515 | SENGKANG MRT STATION | 5 SENGKANG SQUARE SINGAPORE 545062 | 0 |
| 516 | PROMENADE MRT STATION | 2 TEMASEK AVENUE SINGAPORE 039193 | 1 |
| 517 | DAKOTA MRT STATION | 201 OLD AIRPORT ROAD SINGAPORE 397973 | 0 |
| 518 | BISHAN MRT STATION | 17 BISHAN PLACE SINGAPORE 579842 | 1 |
| 519 | LABRADOR PARK MRT STATION | 701 TELOK BLANGAH ROAD SINGAPORE 109029 | 0 |
| 520 | BUONA VISTA MRT STATION | 150 NORTH BUONA VISTA ROAD SINGAPORE 139350 | 1 |
| 521 | HILLVIEW MRT STATION | 510 UPPER BUKIT TIMAH ROAD SINGAPORE 678211 | 0 |
| 522 | FORT CANNING MRT STATION | 170 RIVER VALLEY ROAD SINGAPORE 179038 | 0 |
| 523 | GEYLANG BAHRU MRT STATION | 541 KALLANG BAHRU SINGAPORE 339355 | 0 |
| 524 | UBI MRT STATION | 51 UBI AVENUE 2 SINGAPORE 408899 | 0 |
| 525 | EXPO MRT STATION | 2 EXPO DRIVE SINGAPORE 485985 | 1 |

select \* from travel\_payment;

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | TRAVEL\_CARD\_ID | ENTRY\_STATION\_ID | ENTRY\_TIME | EXIT\_STATION\_ID | EXIT\_TIME | AMOUNT |
| 1 | 656 | 503 | 2017-12-21 09:15:15.0 | 505 | 2017-12-21 09:45:15.0 | 40.25 |
| 2 | 653 | 503 | 2017-12-22 11:20:15.0 | 504 | 2017-12-22 11:45:15.0 | 29.75 |
| 3 | 654 | 501 | 2017-12-23 21:15:15.0 | 504 | 2017-12-23 21:50:15.0 | 37.25 |
| 4 | 656 | 515 | 2017-12-22 12:30:15.0 | 511 | 2017-12-22 12:55:15.0 | 36.75 |
| 5 | 659 | 516 | 2017-12-21 10:15:15.0 | 518 | 2017-12-21 11:15:15.0 | 22.25 |
| 6 | 657 | 520 | 2017-12-21 09:30:15.0 | 516 | 2017-12-21 09:43:15.0 | 45.5 |
| 7 | 660 | 521 | 2017-12-23 11:15:25.0 | 525 | 2017-12-23 11:57:25.0 | 37.45 |
| 8 | 663 | 522 | 2017-12-21 09:15:15.0 | 524 | 2017-12-21 09:30:15.0 | 39.35 |
| 9 | 660 | 506 | 2017-12-22 14:30:15.0 | 510 | 2017-12-22 15:05:15.0 | 30 |
| 10 | 653 | 512 | 2017-12-21 09:15:15.0 | 514 | 2017-12-21 09:40:15.0 | 25.75 |
| 11 | 654 | 513 | 2017-12-21 10:15:20.0 | 511 | 2017-12-21 10:40:20.0 | 32.65 |
| 12 | 655 | 507 | 2017-12-22 09:15:15.0 | 510 | 2017-12-22 09:50:15.0 | 38.25 |
| 13 | 651 | 517 | 2017-12-23 11:15:15.0 | 519 | 2017-12-23 11:40:15.0 | 19.5 |
| 14 | 658 | 525 | 2017-12-23 12:45:15.0 | 523 | 2017-12-23 13:15:20.0 | 41.25 |
| 15 | 662 | 506 | 2017-12-23 15:40:15.0 | 509 | 2017-12-23 16:00:25.0 | 25 |

select \* from travel\_card;

|  |  |  |  |
| --- | --- | --- | --- |
| ID | PERSON\_NAME | CONTACT\_NUMBER | BALANCE |
| 651 | S DHANABALAN | +65 81237452 | 25.25 |
| 652 | GERARD EE | +65 87892541 | 20 |
| 653 | ALEX | +65 95227525 | 35.21 |
| 654 | KENNY | +65 85227415 | 43.25 |
| 655 | HAN SAI POR | +65 95245255 | 45.75 |
| 656 | MICHAEL | +65 62582155 | 52.29 |
| 657 | KAM NING | +65 78245225 | 49.25 |
| 658 | BAEY YAM KENG | +65 85255255 | 46.75 |
| 659 | ALICIA | +65 92525552 | 29.25 |
| 660 | AARON LEE | +65 92588226 | 43.25 |
| 661 | LAWRENCE WONG | +65 82528552 | 32.35 |
| 662 | RISSA | +65 25252552 | 29.27 |
| 663 | JASIM | +65 86352555 | 42.5 |
| 664 | VIVIAN BALAKRISHNAN | +65 25825662 | 47.55 |
| 665 | JJ LIN | +65 25245652 | 48.35 |

select \* from train\_arrival\_time;

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | METRO\_TRAIN\_ID | STATION\_ID | TRAIN\_SCHEDULE\_ID | ACTUAL\_TIME | DEVIATION |
| 1 | 1001 | 503 | 1 | 2017-12-21 09:10:20.0 | 0 |
| 2 | 1002 | 507 | 2 | 2017-12-22 15:43:15.0 | 3 |
| 3 | 1003 | 512 | 3 | 2017-12-21 09:52:15.0 | 2 |
| 4 | 1004 | 519 | 4 | 2017-12-21 10:25:15.0 | 5 |
| 5 | 1005 | 524 | 5 | 2017-12-23 10:40:25.0 | 0 |
| 6 | 1006 | 504 | 6 | 2017-12-23 22:31:15.0 | 11 |
| 7 | 1007 | 507 | 7 | 2017-12-22 09:21:15.0 | 1 |
| 8 | 1008 | 514 | 8 | 2017-12-21 11:36:15.0 | 6 |
| 9 | 1009 | 518 | 9 | 2017-12-21 09:40:15.0 | 0 |
| 10 | 1010 | 523 | 10 | 2017-12-23 22:27:15.0 | 7 |
| 11 | 1002 | 508 | 2 | 2017-12-22 15:23:15.0 | 8 |
| 12 | 1006 | 502 | 6 | 2017-12-23 21:35:15.0 | 0 |
| 13 | 1004 | 520 | 4 | 2017-12-21 10:44:15.0 | 14 |
| 14 | 1010 | 522 | 10 | 2017-12-23 23:02:15.0 | 2 |
| 15 | 1001 | 505 | 1 | 2017-12-21 09:44:20.0 | 4 |

select \* from electricity\_connection\_type;

|  |  |
| --- | --- |
| ID | CONNECTION\_NAME |
| 1 | HOME |
| 2 | COMMERCIAL |

select \* from building\_type;

|  |  |  |
| --- | --- | --- |
| ID | NAME | CONNECTION\_TYPE\_ID |
| 1 | SHOPPING MALL | 2 |
| 2 | HOTEL | 2 |
| 3 | ARENA | 2 |
| 4 | THEATRE | 2 |
| 5 | APARTMENT | 1 |
| 6 | FLAT | 1 |
| 7 | BUNGALOW | 1 |
| 8 | POLICE STATION | 1 |
| 9 | DISPENSARIES | 1 |
| 10 | PHARMACY | 1 |
| 11 | CHURCH | 1 |
| 12 | COLLEGE | 2 |
| 13 | SCHOOL | 2 |
| 14 | LIBRARY | 2 |
| 15 | MUSEUM | 2 |

3. select \* from slab;

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | CONNECTION\_TYPE\_ID | FROM\_UNIT | TO\_UNIT | RATE |
| 1 | 1 | 0 | 200 | 20 |
| 2 | 1 | 201 | 2000 | 22.5 |
| 3 | 2 | 2001 | 4500 | 27 |
| 4 | 2 | 4501 | 25000 | 35 |

4. select \* from building;

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | OWNER\_NAME | ADDRESS | BUILDING\_TYPE\_ID | CONTACT\_NUMBER | EMAIL\_ADDRESS |
| 1 | HAIDIL | VIVOCITY, 1 HARBOURFRONT WALK, SINGAPORE 098585 | 1 | +65 6377 6860 | VIVOSUPPORT@VIVOCITY.COM.SG |
| 2 | MUHAMMAD HAFAZ | SUNTEC CITY, 3E TEMASEK BOULEVARD, SINGAPORE 038984 | 1 | +65 6266 1502 | SUNTECENQUIRIES@SUNTECREIT.SG |
| 3 | PEISEN | V HOTEL LAVENDER, 70 JELLICOE RD, SINGAPORE 208767 | 2 | +65 6345 2233 | CONTACTLAVENDER@VHOTEL.SG |
| 4 | CLAUDIA MOONSOON | STRAND HOTEL SINGAPORE, 25 BENCOOLEN ST, SINGAPORE CITY 189619 | 2 | +65 6338 1866 | RESERVESTRAND@STRANDHOTEL.COM.SG |
| 5 | MUZZAMMIL | OCBC ARENA,5 STADIUM DRIVE, SINGAPORE 397631 | 3 | +65 6653 8900 | MAIL@THEKALLANGWAVE.SG |
| 6 | MARK JEDIDIAH | THE ARENA SINGAPORE,48 WOODLEIGH PARK, SINGAPORE 357844 | 3 | +65 6717 8228 | CONTACT@THEARENA.SG |
| 7 | NICHOLAS | THE CATHAY, 2 HANDY ROAD, LEVELS 5 & 6, THE CATHAY, SINGAPORE 229233 | 4 | +65 6337 8181 | MAIL@CATHAY.COM.SG |
| 8 | CHARMAINE | CARNIVAL CINEMAS, 100 BEACH ROAD #02-30A SHAW TOWERS, SINGAPORE 189702 | 4 | +65 6293 5717 | FEEDBACK@CARNIVALCINEMAS.IN |
| 9 | ANASTACIA FELICIA | LUCKY PLAZA APARTMENT, 304 ORCHARD ROAD, SINGAPORE 238863 | 5 | +65 6524 1111 | CONTACTLUCKY@LUCKYPLAZA.SG |
| 10 | THENG SHUEN | ALOCASSIA APARTMENT, 383 BUKIT TIMAH RD, SINGAPORE 259727 | 5 | +65 6788 6888 | ALOCASSIACONTACT@ALOCASSIA.SG |
| 11 | DERRICK | HDB FLAT, 161057, 57 HAVELOCK RD, SINGAPORE 161057 | 6 | +65 9638 7885 | NULL |
| 12 | CHEONG | PA HOLIDAY FLAT, 105 PASIR RIS RD, SINGAPORE 519110 | 6 | +65 6582 8306 | NULL |
| 13 | CHEEJUN | IDA BUNGALOW, 52 PASIR RIS AVE, SINGAPORE 519736 | 7 | +65 9673 8371 | NULL |
| 14 | WESLEY | HIGHLAND ROAD BUNGALOW, HIGHLAND RD, SINGAPORE 549155 | 7 | +65 6534 8000 | NULL |
| 15 | DONOVAN | WOODLANDS WEST POLICE, 9 MARSILING LANE, SINGAPORE 739146 | 8 | +65 1800 363 9999 | NULL |
| 16 | JIASHENG | CENTRAL POLICE DIVISION,BLOCK A, #03-112, POLICE CANTONMENT COMPLEX, SINGAPORE 088762 | 8 | +65 1800 255 0000 | NULL |
| 17 | DESMOND | THE JURONG DISPENSARY, 443 CLEMENTI AVE 3, SINGAPORE 120443 | 9 | +65 6777 4494 | NULL |
| 18 | KIMBERLY | ANTEH DISPENSARY PTE LTD, 1 LOR 22 GEYLANG #01-02 GRANDVIEW SUITES, SINGAPORE 398664 | 9 | +65 6744 1809 | NULL |
| 19 | KUOK KHOON HONG | GUARDIAN, 3 MOUNT ELIZABETH, # 02-10/11 MOUNT ELIZABETH MEDICAL CENTRE, SINGAPORE 228510 | 10 | +65 6734 3855 | CUSTOMERSERVICES@GUARDIAN.COM.SG |
| 20 | RICHARD CHANDLER | GUARDIAN @ SUN PLAZA, 30 SEMBAWANG DRIVE, # B1-11 SUN PLAZA, SINGAPORE 757713 | 10 | +65 6257 8939 | CUSTOMERSERVICES@GUARDIAN.COM.SG |
| 21 | PETER LIM | THE METHODIST CHURCH,70 BARKER RD, SINGAPORE 309936 | 11 | +65 6478 4786 | NULL |
| 22 | LIM OON KUIN | SAINT JOSEPHS CHURCH,143 VICTORIA STREET, SINGAPORE 188020 | 11 | +65 6338 3167 | NULL |
| 23 | TANG WEE KIT | DULWICH COLLEGE, 71 BUKIT BATOK WEST AVENUE 8, SINGAPORE 658966 | 12 | +65 6890 1000 | ADMISSION@DULWICH.EDU.SG |
| 24 | RON SIM | SHRM COLLEGE, 120 OXLEY RISE, SINGAPORE 238709 | 12 | +65 6268 4888 | CONTACTSHRM@SHRM.EDU.SG |
| 25 | SERGE PUN | TANGLIN TRUST SCHOOL, 95 PORTSDOWN RD, SINGAPORE 139299 | 13 | +65 6778 0771 | COMM@TANGLIN.EDU.SG |
| 26 | CHENG WAI KEUNG | DUNMAN HIGH SCHOOL, 10 TANJONG RHU RD, SINGAPORE 436895 | 13 | +65 6345 0533 | INFO@DUNMAN.COM.SG |
| 27 | DANNY YONG | NATIONAL LIBRARY, 100 VICTORIA ST, SINGAPORE 188064 | 14 | +65 6332 3255 | REF@NB.COM.SG |
| 28 | SAURABH MITTAL | JURONG REGIONAL LIBRARY, 21 JURONG EAST CENTRAL 1, SINGAPORE 609732 | 14 | +65 6332 3255 | REF@NB.COM.SG |
| 29 | MICHAEL KUM | SINGAPORE ART MUSEUM, 71 BRAS BASAH RD, SINGAPORE 189555 | 15 | +65 6589 9580 | ENQUIRIES@SINGAPOREARTMUSEUM.SG |
| 30 | ROBERT FRIEDLAND | PERANAKAN MUSEUM,39 ARMENIAN ST, SINGAPORE 179941 | 15 | +65 6332 7591 | PERANAKAN@MUSEUM.SG |

5. select \* from meter;

|  |  |  |
| --- | --- | --- |
| ID | METER\_NUMBER | BUILDING\_ID |
| 1 | SG934826 | 1 |
| 2 | SG923564 | 2 |
| 3 | SG567423 | 3 |
| 4 | SG854378 | 4 |
| 5 | SG976232 | 5 |
| 6 | SG413789 | 6 |
| 7 | SG732537 | 7 |
| 8 | SG288942 | 8 |
| 9 | SG376891 | 9 |
| 10 | SG198329 | 10 |
| 11 | SG632949 | 11 |
| 12 | SG537282 | 12 |
| 13 | SG328737 | 13 |
| 14 | SG382478 | 14 |
| 15 | SG734652 | 15 |
| 16 | SG921162 | 16 |
| 17 | SG327367 | 17 |
| 18 | SG712359 | 18 |
| 19 | SG403246 | 19 |
| 20 | SG903246 | 20 |
| 21 | SG450532 | 21 |
| 22 | SG238900 | 22 |
| 23 | SG823102 | 23 |
| 24 | SG770372 | 24 |
| 25 | SG490021 | 25 |
| 26 | SG190123 | 26 |
| 27 | SG790772 | 27 |
| 28 | SG627891 | 28 |
| 29 | SG630234 | 29 |
| 30 | SG824012 | 30 |
| 31 | SG824594 | 3 |
| 32 | SG828013 | 3 |
| 33 | SG827312 | 4 |
| 34 | SG824029 | 4 |
| 35 | SG823854 | 7 |
| 36 | SG824087 | 8 |
| 37 | SG823912 | 12 |
| 38 | SG822819 | 13 |
| 39 | SG821912 | 14 |
| 40 | SG821713 | 15 |

6. select \* from bill;

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ID | METER\_ID | MONTH | YEAR | DUE\_DATE | TOTAL\_UNITS | PAYABLE\_AMOUNT | IS\_PAYED | PAYMENT\_DATE | FINE\_AMOUNT |
| 1 | 1 | 12 | 2017 | 2018-01-01 | 19900 | 696500 | 0 | NULL | NULL |
| 2 | 2 | 12 | 2017 | 2018-01-01 | 17000 | 595000 | 1 | 2018-01-02 | 59500 |
| 3 | 3 | 10 | 2017 | 2017-11-01 | 4100 | 110700 | 1 | 2017-10-28 | NULL |
| 4 | 4 | 11 | 2017 | 2017-12-01 | 4500 | 121500 | 0 | NULL | NULL |
| 5 | 5 | 12 | 2017 | 2018-01-01 | 7500 | 262500 | 0 | NULL | NULL |
| 6 | 5 | 11 | 2017 | 2017-12-01 | 7670 | 268450 | 1 | 2017-12-15 | 26845 |
| 7 | 5 | 9 | 2017 | 2017-10-01 | 7550 | 226500 | 1 | 2017-09-10 | NULL |
| 8 | 6 | 9 | 2017 | 2017-10-01 | 7800 | 234000 | 0 | NULL | NULL |
| 9 | 7 | 10 | 2017 | 2017-11-01 | 4050 | 109350 | 1 | 2017-10-20 | NULL |
| 10 | 7 | 11 | 2017 | 2017-12-01 | 4110 | 110970 | 1 | 2017-12-14 | 11097 |
| 11 | 7 | 12 | 2017 | 2018-01-01 | 4220 | 113940 | 0 | NULL | NULL |
| 12 | 8 | 11 | 2017 | 2017-12-01 | 3960 | 106920 | 1 | 2017-11-25 | NULL |
| 13 | 9 | 11 | 2017 | 2017-12-01 | 1200 | 27000 | 1 | 2017-12-20 | 2700 |
| 14 | 10 | 10 | 2017 | 2017-11-01 | 750 | 16875 | 1 | 2017-11-09 | 1687.5 |
| 15 | 11 | 12 | 2017 | 2018-01-01 | 810 | 18225 | 1 | 2018-01-10 | 1822.5 |
| 16 | 12 | 6 | 2017 | 2017-07-01 | 770 | 17325 | 1 | 2017-06-28 | NULL |
| 17 | 12 | 7 | 2017 | 2017-08-01 | 754 | 16965 | 1 | 2017-08-07 | 1696.5 |
| 18 | 12 | 8 | 2017 | 2017-09-01 | 760 | 17100 | 1 | 2017-09-08 | 1710 |
| 19 | 12 | 9 | 2017 | 2017-10-01 | 730 | 16425 | 1 | 2017-09-18 | NULL |
| 20 | 12 | 10 | 2017 | 2017-11-01 | 720 | 16200 | 1 | 2017-11-19 | 1620 |
| 21 | 13 | 9 | 2017 | 2017-10-01 | 1020 | 22950 | 0 | NULL | NULL |
| 22 | 14 | 9 | 2017 | 2017-10-01 | 1110 | 24975 | 1 | 2017-09-26 | NULL |
| 23 | 15 | 8 | 2017 | 2017-09-01 | 630 | 14175 | 1 | 2017-08-19 | NULL |
| 24 | 16 | 9 | 2017 | 2017-10-01 | 660 | 14850 | 0 | NULL | NULL |
| 25 | 17 | 8 | 2017 | 2017-09-01 | 420 | 9450 | 0 | NULL | NULL |
| 26 | 18 | 10 | 2017 | 2017-11-01 | 390 | 8775 | 0 | NULL | NULL |
| 27 | 19 | 10 | 2017 | 2017-11-01 | 432 | 9720 | 0 | NULL | NULL |
| 28 | 19 | 9 | 2017 | 2017-10-01 | 440 | 9900 | 1 | 2017-10-16 | 990 |
| 29 | 19 | 8 | 2017 | 2017-09-01 | 420 | 9450 | 1 | 2017-08-20 | NULL |
| 30 | 20 | 12 | 2017 | 2018-01-01 | 330 | 7425 | 1 | 2018-01-05 | 742.5 |
| 31 | 21 | 12 | 2017 | 2018-01-01 | 210 | 4725 | 1 | 2018-01-02 | 472.5 |
| 32 | 22 | 9 | 2017 | 2017-10-01 | 180 | 3600 | 1 | 2017-10-11 | 360 |
| 33 | 23 | 10 | 2017 | 2017-11-01 | 20100 | 703500 | 0 | NULL | NULL |
| 34 | 23 | 9 | 2017 | 2017-10-01 | 19900 | 696500 | 1 | 2017-09-22 | NULL |
| 35 | 23 | 8 | 2017 | 2017-09-01 | 19750 | 691250 | 1 | 2017-09-09 | 69125 |
| 36 | 24 | 9 | 2017 | 2017-10-01 | 19500 | 682500 | 1 | 2017-09-27 | NULL |
| 37 | 24 | 10 | 2017 | 2017-11-01 | 19440 | 680400 | 0 | NULL | NULL |
| 38 | 25 | 9 | 2017 | 2017-10-01 | 20880 | 730800 | 1 | 2017-10-21 | 73080 |
| 39 | 26 | 8 | 2017 | 2017-09-01 | 20700 | 724500 | 1 | 2017-09-14 | 72450 |
| 40 | 27 | 8 | 2017 | 2017-09-01 | 4500 | 121500 | 0 | NULL | NULL |
| 41 | 28 | 9 | 2017 | 2017-10-01 | 4330 | 116910 | 1 | 2017-09-23 | NULL |
| 42 | 28 | 10 | 2017 | 2017-11-01 | 4440 | 119880 | 1 | 2017-11-02 | 11988 |
| 43 | 28 | 11 | 2017 | 2017-12-01 | 4290 | 115830 | 0 | NULL | NULL |
| 44 | 29 | 10 | 2017 | 2017-11-01 | 4470 | 120690 | 1 | 2017-10-25 | NULL |
| 45 | 30 | 10 | 2017 | 2017-11-01 | 4650 | 162750 | 1 | 2017-11-12 | 16275 |

5. select \* from electricity\_reading;

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ID | METER\_ID | DAY | H1 | H2 | H3 | H4 | H5 | H6 | H7 | H8 | H9 | H10 | H11 | H12 | H13 | H14 | H15 | H16 | H17 | H18 | H19 | H20 | H21 | H22 | H23 | H24 | TOTAL\_UNITS |
| 1 | 1 | 2018-05-06 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 50 | 55 | 50 | 60 | 60 | 50 | 50 | 55 | 50 | 50 | 80 | 75 | 75 | 5 | 5 | 815 |
| 2 | 1 | 2018-05-07 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 45 | 45 | 50 | 55 | 50 | 50 | 55 | 60 | 60 | 55 | 75 | 80 | 70 | 5 | 5 | 805 |
| 3 | 2 | 2018-05-06 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 | 35 | 40 | 45 | 45 | 40 | 47 | 50 | 45 | 50 | 50 | 65 | 70 | 5 | 5 | 668 |
| 4 | 2 | 2018-05-07 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 45 | 40 | 35 | 40 | 50 | 45 | 50 | 50 | 45 | 45 | 60 | 65 | 65 | 5 | 5 | 681 |
| 5 | 3 | 2018-05-06 | 2 | 2 | 2 | 2 | 2 | 4 | 5 | 5 | 6 | 6 | 8 | 9 | 7 | 8 | 10 | 9 | 6 | 7 | 8 | 10 | 11 | 11 | 4 | 3 | 147 |
| 6 | 3 | 2018-05-07 | 1 | 2 | 2 | 1 | 2 | 4 | 8 | 7 | 8 | 6 | 10 | 9 | 9 | 10 | 7 | 9 | 8 | 8 | 8 | 11 | 9 | 10 | 4 | 2 | 155 |
| 7 | 4 | 2018-05-06 | 2 | 3 | 2 | 2 | 2 | 5 | 4 | 7 | 6 | 5 | 6 | 8 | 7 | 8 | 10 | 10 | 9 | 10 | 7 | 9 | 11 | 10 | 3 | 4 | 150 |
| 8 | 4 | 2018-05-07 | 2 | 2 | 3 | 3 | 2 | 4 | 7 | 6 | 9 | 8 | 10 | 9 | 9 | 11 | 11 | 9 | 10 | 9 | 9 | 11 | 12 | 10 | 2 | 2 | 170 |
| 9 | 5 | 2018-05-06 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 2 | 50 | 80 | 60 | 60 | 5 | 291 |
| 10 | 5 | 2018-05-07 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 3 | 3 | 2 | 2 | 60 | 60 | 70 | 50 | 6 | 278 |
| 11 | 6 | 2018-05-06 | 2 | 2 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 55 | 70 | 65 | 65 | 4 | 289 |
| 12 | 6 | 2018-05-07 | 2 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 1 | 3 | 70 | 65 | 65 | 55 | 5 | 291 |
| 13 | 7 | 2018-05-06 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 11 | 10 | 9 | 10 | 9 | 9 | 8 | 10 | 10 | 11 | 10 | 10 | 1 | 1 | 137 |
| 14 | 7 | 2018-05-07 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 9 | 11 | 9 | 10 | 10 | 11 | 10 | 9 | 8 | 8 | 8 | 9 | 10 | 1 | 0 | 132 |
| 15 | 8 | 2018-05-06 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 11 | 9 | 9 | 8 | 8 | 10 | 11 | 8 | 10 | 10 | 11 | 10 | 11 | 0 | 1 | 135 |
| 16 | 8 | 2018-05-07 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 10 | 10 | 11 | 9 | 9 | 8 | 10 | 11 | 10 | 9 | 8 | 11 | 10 | 1 | 1 | 136 |
| 17 | 9 | 2018-05-06 | 0 | 2 | 0 | 1 | 2 | 2 | 3 | 2 | 3 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 3 | 1 | 3 | 2 | 2 | 2 | 1 | 42 |
| 18 | 9 | 2018-05-07 | 0 | 0 | 0 | 1 | 1 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 3 | 2 | 2 | 2 | 1 | 38 |
| 19 | 10 | 2018-05-06 | 1 | 0 | 1 | 0 | 0 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 0 | 0 | 25 |
| 20 | 10 | 2018-05-07 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 0 | 1 | 26 |
| 21 | 11 | 2018-05-06 | 0 | 1 | 0 | 0 | 0 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 2 | 1 | 2 | 0 | 1 | 27 |
| 22 | 11 | 2018-05-07 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 0 | 26 |
| 23 | 12 | 2018-05-06 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 0 | 0 | 26 |
| 24 | 12 | 2018-05-07 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 0 | 0 | 23 |
| 25 | 13 | 2018-05-06 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 33 |
| 26 | 13 | 2018-05-07 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 36 |
| 27 | 14 | 2018-05-06 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 36 |
| 28 | 14 | 2018-05-07 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 38 |
| 29 | 15 | 2018-05-06 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 23 |
| 30 | 15 | 2018-05-07 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 18 |
| 31 | 16 | 2018-05-06 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 22 |
| 32 | 16 | 2018-05-07 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 21 |
| 33 | 17 | 2018-05-06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 13 |
| 34 | 17 | 2018-05-07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 15 |
| 35 | 18 | 2018-05-06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 14 |
| 36 | 18 | 2018-05-07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 13 |
| 37 | 19 | 2018-05-06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 14 |
| 38 | 19 | 2018-05-07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 12 |
| 39 | 20 | 2018-05-06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 11 |
| 40 | 20 | 2018-05-07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 14 |
| 41 | 21 | 2018-05-06 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 7 |
| 42 | 21 | 2018-05-07 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 6 |
| 43 | 22 | 2018-05-06 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 6 |
| 44 | 22 | 2018-05-07 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 8 |
| 45 | 23 | 2018-05-06 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 55 | 60 | 60 | 55 | 60 | 60 | 75 | 70 | 80 | 75 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 675 |
| 46 | 23 | 2018-05-07 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 50 | 55 | 55 | 60 | 60 | 55 | 70 | 60 | 65 | 65 | 2 | 2 | 3 | 2 | 1 | 2 | 2 | 621 |
| 47 | 24 | 2018-05-06 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 70 | 75 | 60 | 65 | 65 | 60 | 55 | 65 | 50 | 55 | 3 | 2 | 3 | 3 | 2 | 1 | 648 |
| 48 | 24 | 2018-05-07 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 65 | 70 | 70 | 72 | 75 | 54 | 60 | 65 | 65 | 65 | 2 | 3 | 2 | 2 | 2 | 1 | 686 |
| 49 | 25 | 2018-05-06 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 70 | 65 | 65 | 70 | 70 | 60 | 62 | 66 | 70 | 77 | 2 | 2 | 1 | 2 | 1 | 1 | 696 |
| 50 | 25 | 2018-05-07 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 65 | 67 | 75 | 65 | 65 | 51 | 56 | 55 | 60 | 75 | 3 | 2 | 1 | 1 | 1 | 1 | 652 |
| 51 | 26 | 2018-05-06 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 60 | 69 | 69 | 65 | 70 | 66 | 79 | 75 | 60 | 65 | 2 | 3 | 2 | 1 | 1 | 1 | 1 | 697 |
| 52 | 26 | 2018-05-07 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 72 | 78 | 69 | 60 | 60 | 55 | 70 | 66 | 65 | 70 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 682 |
| 53 | 27 | 2018-05-06 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 5 | 10 | 10 | 10 | 11 | 9 | 10 | 12 | 11 | 11 | 10 | 10 | 9 | 10 | 11 | 1 | 0 | 156 |
| 54 | 27 | 2018-05-07 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 3 | 6 | 6 | 9 | 9 | 10 | 11 | 10 | 10 | 11 | 9 | 10 | 11 | 10 | 10 | 2 | 0 | 141 |
| 55 | 28 | 2018-05-06 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 8 | 8 | 10 | 11 | 10 | 9 | 9 | 10 | 10 | 11 | 9 | 10 | 11 | 11 | 1 | 0 | 143 |
| 56 | 28 | 2018-05-07 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 10 | 10 | 11 | 13 | 12 | 10 | 8 | 9 | 8 | 8 | 10 | 12 | 11 | 11 | 10 | 1 | 0 | 160 |
| 57 | 29 | 2018-05-06 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | 15 | 14 | 13 | 13 | 15 | 12 | 12 | 15 | 13 | 1 | 0 | 0 | 1 | 1 | 149 |
| 58 | 29 | 2018-05-07 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | 14 | 15 | 12 | 12 | 15 | 14 | 14 | 12 | 13 | 0 | 1 | 0 | 1 | 1 | 148 |
| 59 | 30 | 2018-05-06 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 16 | 14 | 14 | 13 | 15 | 15 | 13 | 12 | 15 | 14 | 0 | 0 | 0 | 0 | 1 | 151 |
| 60 | 30 | 2018-05-07 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 18 | 12 | 12 | 15 | 13 | 14 | 12 | 15 | 14 | 17 | 1 | 2 | 1 | 1 | 1 | 159 |