

Queries/Reports

Coog Tech Solutions
3/25/21

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Mustafa Al-Kishtainy

Report #1

Report Name: customer vehicle status report

Report Description: the report shows if a customer vehicle is still being worked on or not

Business Description: this report will make it easier for Herrera to distinguish between vehicles that are currently being worked on and vehicles that are not, making it easier for the employees to see what is being worked on.

SQL Code:

```
SELECT
Customer.CUSTOMER_ID AS "ID",
Customer.C_FNAME AS "First Name",
Customer.C_LNAME AS "Last Name",
VEHICLE.V_VIN AS "VEHICLE VIN",
VEHICLE.V_MAKE AS "MAKE",
VEHICLE.V_MODEL AS "MODEL",
VEHICLE.V_YEAR AS "YEAR",
VEHICLE_STATUS.ACTIVE AS "STATUS"

FROM Customer
JOIN CUSTOMER_VEHICLE ON Customer.CUSTOMER_ID =
CUSTOMER_VEHICLE.CUSTOMER_ID
JOIN VEHICLE ON CUSTOMER_VEHICLE.V_VIN = VEHICLE.V_VIN
JOIN VEHICLE_STATUS ON VEHICLE.V_VIN = VEHICLE_STATUS.V_VIN

ORDER BY VEHICLE_STATUS.ACTIVE
```

Report/Query Results:

ID	First Name	Last Name	VEHICLE VIN	MAKE	MODEL	YEAR	STATUS	
1	95	Bo	McNeal	1B3AL56R72N189204	Peterbilt	367	2017	Active
2	37	NULL	Grande	1B7GL22X8W5527664	Kenworth	W900	2012	Active
3	59	Bill	Hamrick	1C3EL46X65N505015	Kenworth	T880	2011	Active
4	9	John	Molina	1C3EL56R52N382041	Kenworth	T680	2010	Active
5	49	Billy	Jack	1D7HU18298S536471	Kenworth	K370E	2009	Active
6	93	Richard	Brimm	1FMPU20575LA76257	Freightliner	eM2	2012	Active
7	91	Julio	Argueta	1FMJU1J57BEF16835	Kenworth	T170	2019	Active
8	80	Ima	Lopez	1FTFW1EF5DFA79986	Kenworth	T270	2016	Active
9	13	Headway	Oxfield Service	1FTMF1EF8DKG22066	Peterbilt	365	2011	Active
10	4	Ernesto	Garcia	1FTWW31P05ED12447	Peterbilt	365	2010	Active
11	22	NULL	Rush	1G11B5SL4FF178012	Peterbilt	569	2016	Active
12	8	ATC	Chroma	1G1AS18H097240712	Peterbilt	367	2011	Active
13	69	NULL	Adam	1FAFP10P2XW141575	Peterbilt	367	2017	Active
14	99	Bob	Hogan	1FCJE39H9LH90561	Kenworth	K270E	2011	Active
15	66	David	Medina	1G1ZG57B19F123657	Peterbilt	569	2016	Active
16	39	Francisco	Loya	1G8Z557N87F203073	Peterbilt	367	2017	Active
17	90	NULL	Vanguard	1BGGC24R8XR717525	Kenworth	W900	2015	Active
18	15	Mariano	Ramirez Sald...	1GKFK33039R211644	Peterbilt	520	2012	Active
19	17	Performa...	Truck of Hou...	1GNEC13T64R214542	Kenworth	T880	2013	Active
20	68	Marco	Garbay	1GNSCCE07BR355358	Kenworth	W900	2019	Active
21	54	Romar	Unlimited	1HGCR2F71DA276241	Kenworth	K270E	2019	Active
22	32	R & A	Transport	1J4RR4GG78C787547	Peterbilt	367	2011	Active
23	34	Ben	Getachew	1N4AL3AP7FN348114	Kenworth	T880	2010	Active
24	3	NULL	Melasio	1VWAP7A38DC019544	Peterbilt	579	2014	Active
25	97	Eduardo	Martinez	1VWBH7A34CC000747	Kenworth	T270	2016	Active
26	75	NULL	Gilco	2B3HD46Z82H110282	Peterbilt	569	2018	Active
27	40	Parody	Trucking	2C3LA63H67H781387	Kenworth	T170	2019	Active
28	30	Leo	Escobar	2C4RC1CG2CR171436	Kenworth	T880	2014	Active
29	83	NULL	Selectrucks	2FMDK4JC4DB889814	Kenworth	T170	2019	Active
30	57	Dionicio	Sorto	2FMGK5BC0ABD73600	Peterbilt	520	2013	Active
31	24	NULL	Lamat	2G4WD532651270530	Freightliner	eM2	2016	Active
32	25	NULL	Rush	2HGFA165X6H554023	Peterbilt	367	2011	Active
33	33	NULL	Hok	2HGFB2F59CH525577	Peterbilt	569	2019	Active
34	70	NULL	JJ	2HSCEAXR7YC012070	Peterbilt	569	2016	Active
35	20	Ramos	Rigoberto	2T2GA31U84C045001	Kenworth	T370	2009	Active
36	36	Gaston	Raggio	3GCPKSE74DG113610	Kenworth	T370	2014	Active
37	85	NULL	South Texas	3G9CL33P68S652273	Freightliner	eM2	2015	Active
38	27	Jay	Cicero	3M2BM1L73FM114959	Kenworth	K370E	2020	Active
39	23	Bernardi...	Lopez	3N1AB6AP1AL632607	Kenworth	K370E	2012	Active
40	60	KH	Dugas	3N1AB6AP9CL737656	Kenworth	T880	2015	Active
41	1	Best	American	3N1CN7AP7FL825328	Ford	LCF	2007	Active
42	29	Elite	Landscaping	3VW7T7AT4DM893975	Kenworth	T370	2009	Active
43	65	Edmund	Alvaro	3VWJM71K48M168490	Peterbilt	520	2019	Active
44	98	Jose	Esperanza	4A3AC34G71E114809	Peterbilt	569	2016	Active
45	38	Jason	Hronek	4JGBB75E06A044143	Kenworth	K270E	2011	Active
46	48	Mark	M...	4JGBB75E06A044143	Kenworth	K270E	2011	Active

46	48	Katia	Martin	4JGBF7BE5BA502135	Kenworth	T170	2019	Active
47	96	NULL	SJC	471BG22K6YU652783	Peterbilt	569	2016	Active
48	10	Joseph	Stair	5J6YH28593L059584	Peterbilt	520	2019	Active
49	62	Ramon	Loera	5N1AR2MN5EC639066	Kenworth	W900L	2009	Active
50	89	NULL	Texas	5NPEB4AC7DH761732	Kenworth	T370	2014	Active
51	21	Oscar	Murica	5XXGMAA75CG006305	Kenworth	K270E	2010	Active
52	6	Mid	County Land	JM1CR293890323205	Kenworth	T880	2012	Active
53	94	Rigoberto	Cruz	JN8AZ1MWXDW321...	Peterbilt	367	2011	Active
54	64	Shah	Transport	KM8JUCAG9FU908109	Kenworth	T170	2019	Active
55	52	Visa	Pool	KNDJE723177340233	Kenworth	T680	2011	Active
56	53	B	J	5ALAA25425A337143	Kenworth	T370	2017	Active
57	96	Javier	Garza	WBAVA33557PG84279	Kenworth	W900	2019	Active
58	78	NULL	Hilby	WDBWK73F09F143987	Kenworth	K270E	2013	Active
59	71	Robert	Stanley	WDBJF65J3YB093912	Kenworth	T880	2006	Inactive
60	18	John	D	WDBUF87J56X135129	Kenworth	T170	2015	Inactive
61	55	Glenn	Schmitz	WAUEFGFF4F10666...	Peterbilt	569	2016	Inactive
62	42	Rick	Fontenot	KMHCH4AE2FU2764...	Kenworth	T880	2015	Inactive
63	72	Rene	Gil	KNAFU5A27C5688962	Freightliner	eM2	2013	Inactive
64	79	Johnny	Deramus	JNKH14C0MT090653	Peterbilt	569	2012	Inactive
65	63	Premium	Contractors	JTDKB20U273296665	Kenworth	T880	2015	Inactive
66	88	NULL	OKB	JTDKB20U977678801	Peterbilt	367	2017	Inactive
67	14	Paul	Stroup	JTNBF3EK9A3098931	Kenworth	W900L	2017	Inactive
68	1...	NULL	Bentoz	5NPEC4AC5BH273745	Peterbilt	520	2013	Inactive
69	44	NULL	Ted	5J8TB4H5XFL010719	Kenworth	W900	2011	Inactive
70	12	NULL	Rush	5N1AA0NC2EN603445	Kenworth	W900L	2020	Inactive
71	45	NULL	Anthony	474BE46K38R098862	Peterbilt	367	2012	Inactive
72	7	E	Jachon	474BF1FK0CR295850	Kenworth	W900L	2019	Inactive
73	19	Jag	Trucking	4USBT33493LS81728	Kenworth	T270	2012	Inactive
74	61	DAM	Truck	4V4JCBRF8TR809309	Peterbilt	367	2011	Inactive
75	41	Cesar	Quinonez	5FNYP3H28EB098129	Kenworth	T680	2018	Inactive
76	31	Fredy	Agrueso	5GZDV03L56D125276	Peterbilt	520	2019	Inactive
77	77	Eliud	Olivares	4S3BG6856V7636770	Kenworth	T370	2017	Inactive
78	76	NULL	Circle	4E3AK54FXSE191774	Kenworth	K370E	2014	Inactive
79	51	Vince	Delivery	3VW777A75DM873833	Kenworth	T370	2016	Inactive
80	2	NULL	Cowgirl	3GTU2VEC3EG428370	Peterbilt	389	2011	Inactive
81	5	Jaimes	Nieto	2G61N534D9234666	Kenworth	W900	2009	Inactive
82	87	Pedro	Rojas	2A4RR5DG9BR730946	Kenworth	T880	2012	Inactive
83	16	Kirk	Thomas	1N6AA07A86N544349	Peterbilt	367	2015	Inactive
84	74	NULL	JB	1N4AA51E09C843514	Kenworth	T680	2011	Inactive
85	56	Valley	Hauling	1N4AB41DXXC780684	Freightliner	eM2	2015	Inactive
86	11	Circle	V Trucking	1GNSCJE09DR285966	Kenworth	T880	2011	Inactive
87	92	Sandhu	Ranier	1HGCG6658WA121470	Kenworth	T680	2010	Inactive
88	58	MJ	Sheridan	1GNSCBE05DR309007	Kenworth	K270E	2007	Inactive
89	46	Harold	Picon	1GCHK23U91F117999	Kenworth	T680	2011	Inactive
90	35	Carlos	Camu	1GCRCEA9C2281529	Kenworth	W900L	2009	Inactive

Report #2

Report Name: Customer vehicle service start and end date.

Report Description: the report shows what type of service is being done to a vehicle and time that service started and ended.

Business Description: this report shows Herrera when a vehicle entered service and when it ended, making it easier for the employees to keep track of which vehicles to service in order of arrival.

SQL Code:

```

SELECT
VEHICLE.V_VIN AS "VEHICLE VIN",
SERVICE.SERVICE_TYPE AS "SERVICE TYPE",
SERVICE.DATE_START AS "SERVICE START DATE",
SERVICE.DATE_END AS "SERVICE END DATE"

FROM VEHICLE
JOIN VEHICLE_SERVICE ON VEHICLE.V_VIN = VEHICLE_SERVICE.V_VIN
JOIN SERVICE ON VEHICLE_SERVICE.SERVICE_ID = SERVICE.SERVICE_ID

```

ORDER BY SERVICE.DATE_START

Report/Query Results:

	VEHICLE VIN	SERVICE TYPE	SERVICE START DATE	SERVICE END DATE
1	1FTFW1EF5DFA79886	FRONT BUMPER	2018-04-13 00:00:00.000	2018-04-30 00:00:00.000
2	19XFB2F88DE061070	TRAILER PACKAGE	2018-04-13 00:00:00.000	2018-04-26 00:00:00.000
3	1D7HE22K26S555758	Boxes:Square Box:13'-14' Square	2018-04-16 00:00:00.000	2018-04-16 00:00:00.000
4	2FMDK4JC4DB889814	Electric Tarp-Steel Arms	2018-04-16 00:00:00.000	2020-12-23 00:00:00.000
5	1C6RR7LM8ES473782	Boxes:DEMOLITION:15-17 DEMO	2018-04-16 00:00:00.000	2018-04-17 00:00:00.000
6	9GSC13P68S652273	Excise Tax	2018-04-16 00:00:00.000	2018-04-26 00:00:00.000
7	4T1BG22K8YU652783	Electric Tarp-Steel Arms	2018-04-17 00:00:00.000	2018-04-26 00:00:00.000
8	2A4RR5DG9BR730946	STRETCH	2018-04-17 00:00:00.000	2018-06-28 00:00:00.000
9	JTDKB20U977678801	Double Frame	2018-04-18 00:00:00.000	2018-04-18 00:00:00.000
10	5NPEB4AC7DH761732	Ridewell Axle:Axle Kit	2018-04-19 00:00:00.000	2018-04-26 00:00:00.000
11	1GBGC24R8XR717525	Ridewell Axle:8,000 LB Steerable	2018-04-19 00:00:00.000	2018-04-19 00:00:00.000
12	1FMJ1J157BEF16835	REPAIRS	2018-04-19 00:00:00.000	2018-04-30 00:00:00.000
13	1HGC5658WA121470	REPAIRS	2018-04-19 00:00:00.000	2018-04-19 00:00:00.000
14	1FMFJ20576LA76255	ELECTRIC BRAKE CONTROL I...	2018-04-19 00:00:00.000	2018-05-10 00:00:00.000
15	JN8AZ1MWXDW321...	REPAIRS	2018-04-19 00:00:00.000	2018-04-24 00:00:00.000
16	1B3AL56R72N189204	Sandblast Frame	2018-04-20 00:00:00.000	2018-04-26 00:00:00.000
17	WBAVA33557PG84279	REPAIRS	2018-04-23 00:00:00.000	2018-04-23 00:00:00.000
18	1VWBH7A34C000747	Boxes:Square Box	2018-04-23 00:00:00.000	2018-04-30 00:00:00.000
19	4A3AC34G71E114829	REPAIRS	2018-04-28 00:00:00.000	2018-04-30 00:00:00.000
20	1FCJE39H9LHB90581	ALUMINUM WHEELS:17.5 POLI...	2018-04-30 00:00:00.000	2018-01-28 00:00:00.000
21	5NPEC44C5BH273745	Boxes:DEMOLITION:15-17 DEMO	2018-05-01 00:00:00.000	2018-05-08 00:00:00.000
22	1VWAF7A38DC019544	TRAILER REPAIRS	2019-01-04 00:00:00.000	2021-12-17 00:00:00.000
23	1G1ZG57B19F123557	Electric Tarp-Steel Arms	2019-04-02 00:00:00.000	2019-04-02 00:00:00.000
24	1G4HP54K014129658	Paint Truck	2019-04-02 00:00:00.000	2019-04-03 00:00:00.000
25	1GN5CCE07BR355358	Boxes:Square Box:13'-14' Square	2019-04-02 00:00:00.000	2019-04-02 00:00:00.000
26	1FAFP10P2XW141576	Electric Tarp-Steel Arms	2019-04-03 00:00:00.000	2019-04-03 00:00:00.000
27	2HSC5AAXR7YC012070	Pintle Hitch	2019-04-03 00:00:00.000	2019-04-09 00:00:00.000
28	WDBJF6S3YB983912	STAKE BED:10-15' STAKE BED	2019-04-03 00:00:00.000	2019-04-03 00:00:00.000
29	KNAFU5A27C5688952	Pintle Hitch	2019-04-05 00:00:00.000	2019-04-10 00:00:00.000
30	1D7RB1GPXA5185874	TOOL BOX	2019-04-05 00:00:00.000	2019-04-05 00:00:00.000
31	WDBWK73F09F143987	Paint Truck	2019-04-10 00:00:00.000	2019-04-10 00:00:00.000
32	JNKH14C0MT090653	Paint Fenders	2019-04-11 00:00:00.000	2019-04-11 00:00:00.000
33	1N4AA51E09C843514	SHORTEN FRAME	2019-11-05 00:00:00.000	2019-11-15 00:00:00.000
34	2B3HD46Z82H110282	TRAILER PACKAGE	2019-11-05 00:00:00.000	2019-11-15 00:00:00.000
35	4E3AK54FXSE191774	Remove Sleeper	2019-11-05 00:00:00.000	2019-11-15 00:00:00.000
36	4S3BG6856W7636770	Boxes:DEMOLITION:15-17 DEMO	2019-11-05 00:00:00.000	2019-11-15 00:00:00.000
37	3MZBM1L73FM114959	SLEEPER MODIFICATIONS/RE...	2020-02-01 00:00:00.000	2020-02-15 00:00:00.000
38	1G1JC6SH2F4127313	STAKE BED:20-25' STAKE BED...	2020-02-01 00:00:00.000	2020-02-14 00:00:00.000
39	3VWTT7AT4DM893975	Fuel Tank	2020-02-01 00:00:00.000	2020-02-09 00:00:00.000
40	2C4RC1CG2CR171436	BATTERY BOX	2020-02-01 00:00:00.000	2020-02-14 00:00:00.000
41	5GZDV03L56D125276	Paint Truck	2020-02-02 00:00:00.000	2020-02-02 00:00:00.000
42	1J4RR4GG7BC787547	REPAIRS	2020-02-07 00:00:00.000	2020-02-20 00:00:00.000
43	2HGFB2F59CH525577	STRETCH UP TO 2'	2020-02-07 00:00:00.000	2020-03-21 00:00:00.000
44	1N4AL3AP7FN348114	Paint Truck	2020-02-08 00:00:00.000	2020-02-08 00:00:00.000
45	1GCRCEA9C2281529	REPAIRS	2020-02-12 00:00:00.000	2020-02-12 00:00:00.000

Report #3

Report Name: The customer's vehicle condition when arrived at shop.

Report Description: this report shows the condition of the customer's vehicle when it arrived at the shop before having service being done on it.

Business Description: this report will allow Herrera employees to rate the customers vehicle's status and determine if the vehicle would be eligible for a special repair or not.

SQL Code:

SELECT

Customer.CUSTOMER_ID AS "ID",
 VEHICLE.V_VIN AS "VEHICLE VIN",
 VEHICLE.V_MAKE AS "MAKE",
 VEHICLE.V_MODEL AS "MODEL",
 VEHICLE.V_YEAR AS "YEAR",
 VEHICLE_LOOKUP.V_CONDITION AS "vehicle condition when arrived at shop"

FROM Customer

```
JOIN CUSTOMER_VEHICLE ON Customer.CUSTOMER_ID =  
CUSTOMER_VEHICLE.CUSTOMER_ID  
JOIN VEHICLE ON CUSTOMER_VEHICLE.V_VIN = VEHICLE.V_VIN  
JOIN VEHICLE_LOOKUP ON VEHICLE.V_VIN = VEHICLE_LOOKUP.V_VIN  
  
order by customer.CUSTOMER_ID
```

Report/Query Results:

1	1	3N1CN7AP7FL826328	Ford	LCF	2007	Excellent
2	2	3GTU2VEC3EG428370	Peterbilt	389	2011	Good
3	3	1VWAP7A38DC019544	Peterbilt	579	2014	Excellent
4	4	1FTWW31P06ED12447	Peterbilt	365	2010	Fair
5	5	2G61N5S34D9234666	Kenworth	W900	2009	Excellent
6	6	JM1CR293890323205	Kenworth	T880	2012	Fair
7	7	4T4BF1FK0CR295850	Kenworth	W900L	2019	Good
8	8	1G1AS18H097240712	Peterbilt	367	2011	Fair
9	9	1C3EL55R92N382041	Kenworth	T680	2010	Excellent
10	10	5J6YH28593L059584	Peterbilt	520	2019	Good
11	11	1GN5CJE09DR285966	Kenworth	T880	2011	Excellent
12	12	5N1AA0NC2EN603445	Kenworth	W900L	2020	Excellent
13	13	1FTMF1EF8CKG22066	Peterbilt	365	2011	Excellent
14	14	JTNBF3EK9A3098931	Kenworth	W900L	2017	Good
15	15	1GKFK33039R211544	Peterbilt	520	2012	Excellent
16	16	1N6AA07A86N544349	Peterbilt	367	2015	Fair
17	17	1GNEC13T64R214542	Kenworth	T880	2013	Excellent
18	18	WDBUF87J66X135129	Kenworth	T170	2015	Good
19	19	4U5BT33493L581728	Kenworth	T270	2012	Fair
20	20	2T2GA31U84C045001	Kenworth	T370	2009	Excellent
21	21	5XXGM4A75CG006305	Kenworth	K270E	2010	Good
22	22	1G11B5SL4FF178012	Peterbilt	569	2016	Excellent
23	23	3N1AB6AP1AL632607	Kenworth	K370E	2012	Good
24	24	2G4WD532651270530	Freight...	eM2	2016	Excellent
25	25	2HGFA165X6H554023	Peterbilt	367	2011	Good
26	26	1C6RR6GT9ES365442	Kenworth	T680	2020	Excellent
27	27	3MZBM1L73FM114959	Kenworth	K370E	2020	Good
28	28	1G1JC6SH2F4127313	Peterbilt	520	2019	Excellent
29	29	3VW777AT4DM893975	Kenworth	T370	2009	Good
30	30	2C4RC1CG2CR171436	Kenworth	T880	2014	Excellent
31	31	5GZDV03L56D125276	Peterbilt	520	2019	Fair
32	32	1J4RR4GG7BC787547	Peterbilt	367	2011	Fair
33	33	2HGFB2F59CH525577	Peterbilt	569	2019	Fair
34	34	1N4AL3AP7FN348114	Kenworth	T880	2010	Good
35	35	1GCRCP6A9CZ281529	Kenworth	W900L	2009	Excellent
36	36	3GCPKSE74DG113610	Kenworth	T370	2014	Good
37	37	1B7GL22X8W5527664	Kenworth	W900	2012	Fair
38	38	4JGBB75E06A044143	Kenworth	K270E	2011	Excellent
39	39	1G8Z557N87F203073	Peterbilt	367	2017	Good
40	40	2C3LA63H67H781387	Kenworth	T170	2019	Excellent
41	41	5FNYP3H28EB096129	Kenworth	T680	2018	Good
42	42	KMH0H4AE2FU2764...	Kenworth	T880	2015	Excellent
43	43	1FDKE3753VHB26425	Kenworth	T370	2013	Fair
44	44	5J8TB4H5XFL010719	Kenworth	W900	2011	Good
45	45	4T4BE46K38R098862	Peterbilt	367	2012	Excellent

46	46	1GCHK23U91F117999	Kenworth	T680	2011	Good
47	47	19XFA1F5XBE087240	Kenworth	W900L	2014	Excellent
48	48	4JGBF7BE58A602135	Kenworth	T170	2019	Good
49	49	1D7HU18298S536471	Kenworth	K370E	2009	Excellent
50	50	1GKFK16ZX4J375043	Kenworth	W900	2019	Good
51	51	3VW777AT5DM873833	Kenworth	T370	2016	Fair
52	52	KNDJE723177340233	Kenworth	T680	2011	Excellent
53	53	SALAA25425A337143	Kenworth	T370	2017	Good
54	54	1HGCR2F71DA276241	Kenworth	K270E	2019	Fair
55	55	WAUEFGFF4F1066642	Peterbilt	569	2016	Excellent
56	56	1N4AB41DXXC780684	Freight...	eM2	2015	Fair
57	57	2FMGK5BC0ABD73600	Peterbilt	520	2013	Good
58	58	1GN5CBE05DR309007	Kenworth	K270E	2007	Excellent
59	59	1C3EL46X65N505015	Kenworth	T880	2011	Good
60	60	3N1AB6AP9CL737656	Kenworth	T880	2015	Excellent
61	61	4V4JDBRF8TR809309	Peterbilt	367	2011	Excellent
62	62	5N1AR2MNS5EC639066	Kenworth	W900L	2009	Excellent
63	63	JTDKB20U273296665	Kenworth	T880	2015	Excellent
64	64	KM8JUCAG9F9U08109	Kenworth	T170	2019	Fair
65	65	3VWJM71K48M168490	Peterbilt	520	2019	Good
66	66	1G1ZG57B19F123557	Peterbilt	569	2016	Fair
67	67	1G4HP54K014129658	Kenworth	K270E	2019	Excellent
68	68	1GN5CCE07BR355358	Kenworth	W900	2019	Good
69	69	1FAFP10P2XW141576	Peterbilt	367	2017	Good
70	70	2H5CEAXR7YC012070	Peterbilt	569	2016	Good
71	71	WDBJF65J3YB093912	Kenworth	T880	2006	Good
72	72	KNAFU5A27C5688952	Freight...	eM2	2013	Fair
73	73	1D7RB1GPXA5185874	Kenworth	T370	2011	Excellent
74	74	1N4AA51E09C843514	Kenworth	T680	2011	Good
75	75	2B3HD46Z82H110282	Peterbilt	569	2018	Excellent
76	76	4E3AK54FXSE191774	Kenworth	K370E	2014	Fair
77	77	4S3BG6856W7636770	Kenworth	T370	2017	Good
78	78	WDBWK73F09F143987	Kenworth	K270E	2013	Excellent
79	79	JNKHF14C0MT090653	Peterbilt	569	2012	Fair
80	80	1FTFW1EF5DFA79986	Kenworth	T270	2016	Good
81	81	19XFB2F55DE061070	Kenworth	W900	2015	Excellent
82	82	1D7HE22K26S556758	Peterbilt	520	2019	Excellent
83	83	2FMDK4JC4DB89814	Kenworth	T170	2019	Fair
84	84	1C6RR7LM8ES473782	Kenworth	T370	2014	Good
85	85	3G5CL33P685652273	Freight...	eM2	2015	Fair
86	86	4T1BG22K8YU652783	Peterbilt	569	2016	Excellent
87	87	2A4RR5DG9BR730946	Kenworth	T880	2012	Fair
88	88	JTDKB20U977678801	Peterbilt	367	2017	Excellent
89	89	5NPEB4AC7DH761732	Kenworth	T370	2014	Good
90	90	1G8GC24R8XR717525	Kenworth	W900	2015	Excellent

Report #4

Report Name: Customer payment type and amount for a specific service report.

Report Description: this report shows how much a customer paid for a service and what payment method they used.

Business Description: this report will allow Herrera to see how much a customer paid for a service and is ordered by the method they used, making a refund process or payment management easier to keep track of.

SQL Code:

SELECT

Customer.CUSTOMER_ID AS "CUSTOMER ID",
SERVICE.SERVICE_TYPE AS "SERVICE TYPE",
PAYMENT.AMT_PAID AS "PAYMENT AMOUNT",
PAYMENT.PMT_TYPE AS "PAYMENT TYPE"

FROM Customer

JOIN INVOICE ON Customer.CUSTOMER_ID = INVOICE.CUSTOMER_ID

JOIN INVOICE_PAYMENT ON INVOICE.INVOICE_ID = INVOICE_PAYMENT.INVOICE_ID

JOIN PAYMENT ON INVOICE_PAYMENT.PMT_NUMBER=PAYMENT.PMT_NUMBER

```
JOIN CUSTOMER_ORDER ON Customer.CUSTOMER_ID =  
CUSTOMER_ORDER.CUSTOMER_ID  
JOIN SERVICE_ORDER ON CUSTOMER_ORDER.SERVICE_ORDER_ID =  
SERVICE_ORDER.SERVICE_ORDER_ID  
JOIN SERVICE_LINE ON SERVICE_ORDER.SERVICE_ORDER_ID =  
SERVICE_LINE.SERVICE_ORDER_ID  
JOIN SERVICE ON SERVICE_LINE.SERVICE_ID = SERVICE.SERVICE_ID  
  
order by PAYMENT.PMT_TYPE
```

Report/Query Results:

	CUSTOMER ID	SERVICE TYPE	PAYMENT AMOUNT	PAYMENT TYPE
1	2	TRAILER REPAIRS	800.00	Card
2	4	REPAIRS	1000.00	Card
3	6	Boxes:Semi-Round 15'-16' Semi-Round	1000.00	Card
4	10	STRETCH	2976.88	Card
5	14	Boxes:Square Box:13'-14' Square	2619.65	Card
6	22	Boxes:Square Box:17'-18' Square	270.53	Card
7	23	Electric Tarp-Steel Arms	2706.25	Card
8	24	Boxes:Semi-Round 17'-18' Semi-Round	1250.00	Card
9	20	Pindle Hitch	750.00	Card
10	28	STAKE BED 20-25' STAKE BED W/O HOIST	480.00	Card
11	29	Fuel Tank	2000.00	Card
12	31	Paint Truck	324.75	Card
13	32	REPAIRS	1461.38	Card
14	33	STRETCH UP TO 2'	1300.00	Card
15	34	Paint Truck	400.00	Card
16	42	HI-LIFT	1250.00	Card
17	45	Boxes:Square Box:15'-16' Square	1273.62	Card
18	48	Ridewell Axle:8,000 LB Steerable	227.39	Card
19	53	Hot Shift Pto	1800.00	Card
20	54	Electric Tarp-Steel Arms	325.00	Card
21	55	Paint Truck	750.00	Card
22	56	TARP 16X7	1360.00	Card
23	61	TRAILER PACKAGE	960.00	Card
24	62	Wet-Kits:Steel Single line Rear Mount	1850.00	Card
25	63	Ridewell Axle:Steerable Axle	1750.00	Card
26	66	Electric Tarp-Steel Arms	350.00	Card
27	67	Paint Truck	500.00	Card
28	68	Boxes:Square Box:13'-14' Square	90.00	Card
29	58	Pindle Hitch	900.00	Card
30	71	STAKE BED 10-15' STAKE BED	750.00	Card
31	72	Pindle Hitch	1800.00	Card
32	74	SHORTEN FRAME	1800.00	Card
33	75	TRAILER PACKAGE	325.00	Card
34	76	Remove Sleeper	750.00	Card
35	77	Boxes:DEMOLITION:15-17 DEMO	1360.00	Card
36	78	Paint Truck	800.00	Card
37	81	TRAILER PACKAGE	1350.00	Card
38	83	Electric Tarp-Steel Arms	1360.00	Card
39	88	Double Frame	1850.00	Card
40	89	Ridewell Axle:Axle Kit	750.00	Card
41	85	Excise Tax	750.00	Card
42	86	Electric Tarp-Steel Arms	750.00	Card
43	93	ELECTRIC BRAKE CONTROL INSTALL	200.00	Card
44	97	Boxes:Square Box	250.00	Card
45	98	REPAIRS	500.00	Card

	CUSTOMER ID	SERVICE TYPE	PAYMENT AMOUNT	PAYMENT T
46	99	ALUMINUM WHEELS:17.5 POLISHED AL...	1500.00	Card
47	100	Boxes:DEMOLITION:15-17 DEMO	300.00	Card
48	95	Sandblast Frame	1200.00	Card
49	50	TIRE 235 17.5 CONTINENTAL	0.00	Cash
50	51	FREIGHT CHARGES	80.00	Cash
51	47	Ridewell Axle:8,000 LB Steerable	108.25	Cash
52	39	TOOL BOX	150.00	Cash
53	40	Paint Fenders	0.00	Cash
54	41	Boxes:Semi-Round:15'-16' Semi-Round	45.00	Cash
55	26	Paint Truck	160.00	Cash
56	11	Double Frame:FRONT REAR HANGER	81.19	Cash
57	12	Ridewell Axle:8,000 LB Steerable	17975.00	Check
58	13	ALUMINUM WHEELS:17.5 POLISHED AL...	8500.00	Check
59	15	Hot Shift Pto	10283.75	Check
60	16	Pintle Hitch	3135.86	Check
61	17	TRAILER PACKAGE	14500.00	Check
62	18	Boxes:Square Box:13'-14' Square	8475.00	Check
63	19	Hot Shift Pto	8417.50	Check
64	7	Aluminum Tarp Arm Kit	10000.00	Check
65	8	Hi-LIFT	5000.00	Check
66	9	Detailing	10000.00	Check
67	5	Paint Truck	12000.00	Check
68	3	TRAILER REPAIRS	10001.00	Check
69	26	SLEEPER MODIFICATIONS/REPAIRS	21358.78	Check
70	27	SLEEPER MODIFICATIONS/REPAIRS	7074.88	Check
71	30	BATTERY BOX	4546.50	Check
72	21	TRAILER PACKAGE	4871.25	Check
73	35	REPAIRS	1017.50	Check
74	36	FREIGHT CHARGES	13100.00	Check
75	37	STAKE BED:NO LIFT 34'	13950.00	Check
76	38	STRETCH:UP TO 2'	15374.88	Check
77	43	Electric Tarp-Steel Arms	20620.02	Check
78	44	Remove Sleeper:379 PETE	3859.11	Check
79	1	REPAIRS	2658.00	Check
80	46	Electric Tarp-Steel Arms	18383.92	Check
81	52	Boxes:Semi-Round:13'-14' Semi-Round	6800.00	Check
82	49	ALUMINUM WHEELS:17.5 POLISHED AL...	7928.32	Check
83	57	STAKE BED:10-15' STAKE BED	3175.00	Check
84	79	Paint Fenders	6290.00	Check
85	80	FRONT BUMPER	4500.00	Check
86	73	TOOL BOX	6800.00	Check
87	59	TOOL BOX	5400.00	Check
88	60	SHORTEN FRAME	8000.00	Check
89	69	Electric Tarp-Steel Arms	7240.00	Check
90	70	Pintle Hitch	10300.00	Check

LIST OF DATA:

VEHICLE STATUS TABLE

V_VIN	ACTIV E_ID	ACTIVE_STATUS
3N1CN7AP7FL8		
26328	1	Active
3GTU2VEC3EG4		
28370	2	Inactive
1VWAP7A38DC0		
19544	1	Active
1FTWW31P05E		
D12447	1	Active
2G61N5S34D92		
34666	2	Inactive
JM1CR29389032		
3205	1	Active
4T4BF1FK0CR29		
5850	2	Inactive

1G1AS18H0972 40712	1	Active
1C3EL55R92N38 2041	1	Active
5J6YH28593L05 9584	1	Active
1GNSCJE09DR28 5966	2	Inactive
5N1AA0NC2EN6 03445	2	Inactive
1FTMF1EF8DKG 22066	1	Active
JTNBF3EK9A309 8931	2	Inactive
1GKFK33039R21 1644	1	Active
1N6AA07A86N5 44349	2	Inactive
1GNEC13T64R2 14542	1	Active
WDBUF87J56X1 35129	2	Inactive
4USBT33493LS8 1728	2	Inactive
2T2GA31U84C0 45001	1	Active
5XXGM4A75CG0 06305	1	Active
1G11B5SL4FF17 8012	1	Active
3N1AB6AP1AL6 32607	1	Active
2G4WD5326512 70530	1	Active
2HGFA165X6H5 54023	1	Active
1C6RR6GT9ES36 5442	2	Inactive
3MZBM1L73FM 114959	1	Active
1G1JC6SH2F412 7313	2	Inactive

3VW7T7AT4DM 893975	1	Active
2C4RC1CG2CR1 71436	1	Active
5GZDV03L56D1 25276	2	Inactive
1J4RR4GG7BC78 7547	1	Active
2HGFB2F59CH5 25577	1	Active
1N4AL3AP7FN3 48114	1	Active
1GCRCPEA9CZ2 81529	2	Inactive
3GCPKSE74DG1 13610	1	Active
1B7GL22X8WS5 27664	1	Active
4JGBB75E06A04 4143	1	Active
1G8ZS57N87F20 3073	1	Active
2C3LA63H67H7 81387	1	Active
5FNYP3H28EB09 8129	2	Inactive
KMHDH4AE2FU 276480	2	Inactive
1FDKE37S3VHB2 6425	2	Inactive
5J8TB4H5XFL01 0719	2	Inactive
4T4BE46K38R09 8862	2	Inactive
1GCHK23U91F1 17999	2	Inactive
19XFA1F5XBE08 7240	2	Inactive
4JGBF7BE5BA60 2135	1	Active
1D7HU18298S5 36471	1	Active

1GKFK16ZX4J37 5043	2	Inactive
3VW7T7AT5DM 873833	2	Inactive
KNDJE72317734 0233	1	Active
SALAA25425A33 7143	1	Active
1HGCR2F71DA2 76241	1	Active
WAUEFGFF4F10 66642	2	Inactive
1N4AB41DXXC7 60684	2	Inactive
2FMGK5BC0ABD 73600	1	Active
1GNSCBE05DR3 09007	2	Inactive
1C3EL46X65N50 5015	1	Active
3N1AB6AP9CL7 37656	1	Active
4V4JDBRF8TR80 9309	2	Inactive
5N1AR2MN5EC6 39066	1	Active
JTDKB20U27329 6665	2	Inactive
KM8JUCAG9FU9 08109	1	Active
3VWJM71K48M 168490	1	Active
1G1ZG57B19F12 3557	1	Active
1G4HP54K0141 29658	2	Inactive
1GNSCCE07BR3 55358	1	Active
1FAFP10P2XW1 41576	1	Active
2HSCEAXR7YC01 2070	1	Active

WDBJF65J3YB09 3912	2	Inactive
KNAFU5A27C56 88952	2	Inactive
1D7RB1GPXAS1 85874	2	Inactive
1N4AA51E09C8 43514	2	Inactive
2B3HD46Z82H1 10282	1	Active
4E3AK54FXSE19 1774	2	Inactive
4S3BG6856W76 36770	2	Inactive
WDBWK73F09F 143987	1	Active
JNKHF14C0MT0 90653	2	Inactive
1FTFW1EF5DFA 79986	1	Active
19XFB2F55DE06 1070	2	Inactive
1D7HE22K26S55 5758	2	Inactive
2FMDK4JC4DBB 89814	1	Active
1C6RR7LM8ES4 73782	2	Inactive
3GSCL33P68S65 2273	1	Active
4T1BG22K8YU6 52783	1	Active
2A4RR5DG9BR7 30946	2	Inactive
JTDKB20U97767 8801	2	Inactive
5NPEB4AC7DH7 61732	1	Active
1GBGC24R8XR7 17525	1	Active
1FMJU1J57BEF1 6835	1	Active

1HGCG5658WA 121470	2	Inactive
1FMFU20576LA 76257	1	Active
JN8AZ1MWXDW 321873	1	Active
1B3AL56R72N18 9204	1	Active
WBAVA33557P G84279	1	Active
1VWBH7A34CC0 00747	1	Active
4A3AC34G71E1 14809	1	Active
1FCJE39H9LHB9 0581	1	Active
5NPEC4AC5BH2 73745	2	Inactive

CUSTOMER CONTACT INFO TABLE:

CUSTOMER_ ID	C_PHONE	C_EMAIL	C_ADDRESS	C_ZI P	C_CITY	C_STATE
1	832-431-2231	bestamerican@gmail.com	123 smith street	77024	Houston	44
2	832-748-5406	cowgirl@cowgirl.customer.com	1196 COUNTY RD	77575	LIBERTY	44
3	832-821-3921	melisio@gmail.com	321 smith dr	77429	Cypress	44
4	832-855-4234	ernestotrucking@yahoo.com	9851 washington ave	77006	Houston	44
5	713-912-4123		4105 alabams st	77006	Houston	44
6	281-394-3213		450 main st	77006	Houston	44
7	512-321-4234		9889 cowboy ave	77302	Pasadena	44
8	832-231-3131		3821 johnson st	77429	Cypress	44
9	713-903-9398		5314 Adams st	77024	Houston	44
10	281-312-1331		732 lettuce vine st	77429	Cypress	44
11	832-932-1231		1500 interstate ave	77420	Pasadena	44
12	512-321-3134		500 local state dr	77024	Houston	44

13	713-132-1313		7423 steelwood dr	7742 9	cypress	44
14	832-534-2345		800 jason ave	7394 2	Austin	44
15	293-312-3234		813 Harrison Dr	7319 3	Fort worth	44
16	283-331-3124	MarianoServices@yahoo.com	2138 washington ave	7742 9	Houston	44
17	842-424-4213		435 congress dr	7302 3	San Antonio	44
18	840-423-6543		654 wick st	7749 3	Fort worth	44
19	832-944-3135		953 barker cypress rd	7743 9	Cypress	44
20	618-313-4684	ptoh@customer.com	843 kingsbrook rd	7703 9	houston	44
21	918-323-2345		675 kingsway ave	7732 9	katy	44
22	843-347-4822		759 licoln ave	7749 3	Katy	44
23	753-546-2475		432 main st	7702 4	Houston	44
24	475-489-2874		5th st	7732 3	Austin	44
25	512-837-4783		3rd st	7433 7	Austin	44

SERVICE LINE STATUS TABLE:

1	1	Active
2	2	Inactive
3	1	Active
4	1	Active
5	2	Inactive
6	1	Active
7	2	Inactive
8	1	Active
9	1	Active
10	1	Active
11	2	Inactive
12	2	Inactive
13	1	Active
14	1	Active
15	1	Active
16	2	Inactive
17	2	Inactive
18	1	Active

19	2	Inactive
20	1	Active
21	1	Active
22	2	Inactive
23	1	Active
24	2	Inactive
25	1	Active
26	1	Active
27	1	Active
28	2	Inactive
29	1	Active
30	1	Active
31	1	Active
32	2	Inactive
33	2	Inactive
34	2	Inactive
35	2	Inactive
36	1	Active
37	2	Inactive
38	2	Inactive
39	1	Active
40	2	Inactive
41	1	Active
42	2	Inactive
43	2	Inactive
44	1	Active
45	2	Inactive
46	1	Active
47	1	Active
48	2	Inactive
49	2	Inactive
50	1	Active

PAYMENT REVENUE TABLE:

Revenue_ID	PMT_NUMBER
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

10	10
11	11
12	12
13	13
14	14
15	15
16	16
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18	18
19	19
20	20
21	21
22	22
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39	39
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42	42
43	43
44	44
45	45
46	46
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67	67
68	68
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71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95

96	96
97	97
98	98
99	99
100	100

Brandon Crisp

Report #1

Report Name: Total Spending by Customer

Report Description: This report totals the amount spent by each customer account and organizes them from highest spenders to lowest spenders.

Business Purpose: This report will be beneficial to the business because it allows Herrera to identify their top customer accounts so that they can reach out to them and correspond with them in hopes of repeat business.

SQL Code:

```
Select
[dbo].[Customer].[CUSTOMER_ID] AS 'Customer ID',
[dbo].[Customer].[C_FNAME] as 'First Name',
[dbo].[Customer].[C_LNAME] as 'Last Name',
[dbo].[Customer].[C_BUSINESS_NAME] as 'Business Name',
SUM([dbo].[INVOICE].[TOTAL_COST]) as 'Account Spending'
FROM [dbo].[Customer]
JOIN [dbo].[INVOICE]
ON [dbo].[Customer].[CUSTOMER_ID] = [dbo].[INVOICE].[CUSTOMER_ID]
GROUP BY
[dbo].[Customer].[CUSTOMER_ID],[dbo].[Customer].[C_BUSINESS_NAME],[dbo].[Customer].[C_
FNAME], [dbo].[Customer].[C_LNAME]
ORDER BY 'Account Spending' DESC
```

Report/Query:

	Customer ID	First Name	Last Name	Business Name	Account Spending
1	56	Valley	Hauling	Hauling Valley LLC	30712.00
2	17	Performance	Truck of Houston	Performance Truck of Houston	27400.00
3	13	Headway	Oilfield Service	Headway Oilfield Service	24160.00
4	43	George	Gilbert	George Gilbert Enterprises	20620.02
5	84	NULL	Rush	Rush Truck-Waco	19750.00
6	26	Red	Trucking	Red Trucking	19670.00
7	12	NULL	Rush	Rush Truck-Austin	18425.00
8	46	Harold	Picton	Coast Materials Inc	17056.00
9	54	Romar	Unlimited	Romar Unlimited Incorporation	16754.80
10	70	NULL	JJ	JJ Excavation	16000.00
11	83	NULL	Selectrucks	Selectrucks Of Houston	15990.00
12	74	NULL	JB	JB Ranch	15990.00
13	38	Jason	Hronek	H&H Top Soil and Select Fill	14290.00
14	37	NULL	Grande	Grande Sales & Services	13950.00
15	89	NULL	Texas	Texas Truck Sales	13920.00
16	19	Jag	Trucking	Jag Trucking	13840.00
17	75	NULL	Gilco	Gilco Contracting	13600.00
18	61	DAM	Truck	DAM Truck Services	13518.12
19	55	Glenn	Schmitz	J&B Pavelk Inc.	13210.00
20	36	Gaston	Raggio	NULL	13100.00
21	90	NULL	Vanguard	Vanguard Truck Center	12700.00
22	5	Jaimes	Nieto	Niceford	12000.00
23	18	John	D	Clifton Chevrolet	11975.00
24	66	David	Medina	NULL	10592.59
25	15	Mariano	Ramirez Saldana	NULL	10050.00
26	3	NULL	Melesio	Texstar Excavating	10001.00
27	9	John	Molina	NULL	10000.00
28	77	Eliud	Olivares	Elite HTX Trucking LLC	10000.00
29	60	KH	Dugas	NULL	10000.00
30	16	Kirk	Thomas	NULL	9184.97
31	49	Billy	Jack	Billy Jack Construction Co	7750.87
32	85	NULL	South Texas	South Texas Logging & Tran...	7450.00
33	52	Visa	Pool	Visa Pool Plastering	7240.00
34	27	Jay	Cicero	NULL	6650.00
35	8	ATC	Chrome	Chrome ATC	6000.00
36	92	Sandhu	Ranier	NULL	5500.00
37	51	Vince	Delivery	Vince Delivery	5400.00
38	76	NULL	Circle	Circle M Transport	5000.00
39	59	Bill	Hamrick	FAA Truck	4800.00
40	21	Oscar	Murica	NULL	4500.00
41	88	NULL	OKB	OKB Transport	4500.00
42	30	Leo	Escobar	NULL	4200.00
43	7	E	Jachon	Jachon Int'l LTD	4000.00
44	80	Ima	Lopez	NULL	3800.00
45	44	NULL	Ted	CKG Services	3565.00
46	95	Bo	McNeal	NULL	3500.00
47	100	NULL	Benitez	Benitez Trucking Enterprises	3500.00
48	14	Paul	Stroup	Paul Stroup Custom Dozing	3434.01
49	10	Joseph	Stair	NULL	2750.00
50	1	Best	American	Best American	2595.91
51	23	Bernardino	Lopez	AB Trucking	2500.00
52	72	Rene	Gil	NULL	2200.00
53	86	NULL	SJC	SJC Trucking	2150.00
54	29	Elite	Landscaping	Elite Landscaping	2000.00
55	32	R & A	Transport	R & A Transport Inc	1350.00
56	33	NULL	Holt	Holt Tuck Centers CAT	1300.00
57	68	Marco	Garibay	NULL	1300.00
58	64	Shah	Transport	Shah Transport LLC	1290.00
59	42	Rick	Fontenot	NULL	1250.00
60	24	NULL	Larret	Larrett Inc	1250.00

61	45	NULL	Anthony	Cowboy Top Soil	1190.12
62	62	Ramon	Loera	NULL	1100.00
63	79	Johnny	Deramus	Jonny Deramus Dump Truck ...	1100.00
64	4	Ernesto	Garcia	Ernesto Garcia Trucking	1000.00
65	6	Mid	County Land	Mid County Land	1000.00
66	35	Carlos	Cantu	Raga Equipment	940.00
67	69	NULL	Adam	Adam Trucking	900.00
68	53	B	J	BJ Vacumme	800.00
69	2	NULL	Cowgirl	Cowgirl Trucking	800.00
70	20	Ramos	Rigoberto	NULL	750.00
71	11	Circle	V Trucking	Circle V Trucking	675.00
72	78	NULL	Hilby	Hilby Limited Trucking	630.00
73	96	Javier	Garza	NULL	600.00
74	98	Jose	Esperanza	NULL	550.00
75	82	NULL	D&D	D&D Truck Sales Inc	500.00
76	57	Dionicio	Sorto	NULL	500.00
77	28	Carlos	Arebalo	NULL	460.00
78	81	John	Lane	Houston Tree Transplanting	450.00
79	97	Eduardo	Martinez	NULL	450.00
80	94	Rigoberto	Cruz	NULL	450.00
81	34	Ben	Getachew	NULL	400.00
82	31	Fredy	Agrueta	NULL	300.00
83	58	MJ	Sheridan	NULL	300.00
84	22	NULL	Rush	Rush Truck-San Antonio	270.53
85	67	NULL	Hugh	Hughes Trucking	218.30
86	48	Katia	Martin	NULL	210.06
87	87	Pedro	Rojas	NULL	200.00
88	63	Premium	Contractors	Premium Contractors	180.00
89	93	Richard	Brimm	NULL	160.00
90	39	Francisco	Loya	NULL	150.00
91	25	NULL	Rush	Rush Truck-Houston	150.00
92	65	Edmund	Alvaro	NULL	140.00
93	91	Julio	Argueta	NULL	136.50
94	47	Hector	Salinas	H Salinas Trucking	100.00
95	41	Cesar	Quinonez	SM Trucking	45.00
96	40	Parody	Trucking	Parody Trucking	0.00
97	50	E	Vasquez	NULL	0.00
98	73	Jose	Castanon	Clark Freight Lines Inc	0.00
99	71	Robert	Stanley	NULL	0.00
100	99	Bob	Hogan	General Parts & Supply	0.00

Report #2

Report Name: Average Total Cost Per Service

Report Description: This report displays the average cost for each automotive service Herrera provides based on total cost in the past.

Business Purpose: This report will help the business to assess how much each service they provide costs so that they can charge accordingly.

SQL Code:

```
Select
[dbo].[SERVICE].[SERVICE_TYPE] as 'Service Type',
AVG([dbo].[SERVICE_ORDER].[TOTAL_COST]) as 'Average Total Cost'
from [dbo].[SERVICE]
join [dbo].[SERVICE_LINE]
```

```
on [dbo].[SERVICE_LINE].[SERVICE_ID] = [dbo].[SERVICE].[SERVICE_ID]
join [dbo].[SERVICE_ORDER]
on [dbo].[SERVICE_ORDER].[SERVICE_ORDER_ID] = [dbo].[SERVICE_LINE].[SERVICE_ORDER_ID]
GROUP BY [dbo].[SERVICE].[SERVICE_TYPE]
```

Report/Query Results:

	Service Type	Average Total Cost
1	Aluminum Tarp Arm Kit	12000.00
2	ALUMINUM WHEELS:17.5 POLISHED ALUM	4033.3333
3	BATTERY BOX	2650.00
4	Boxes:DEMOLITION:15-17 DEMO	1833.3333
5	Boxes:Semi-Round:13'-14' Semi-Round	1555.265
6	Boxes:Semi-Round:15'-16' Semi-Round	550.00
7	Boxes:Semi-Round:17'-18' Semi-Round	1000.00
8	Boxes:Square Box	790.00
9	Boxes:Square Box:13'-14' Square	693.75
10	Boxes:Square Box:15'-16' Square	1350.00
11	Boxes:Square Box:17'-18' Square	2500.00
12	Detailing	4000.00
13	Double Frame	2200.00
14	Double Frame:FRONT REAR HANGER	10000.00
15	ELECTRIC BRAKE CONTROL INSTALL	1350.00
16	Electric Tarp-Steel Arms	2932.50
17	Excise Tax	150.00
18	FREIGHT CHARGES	4987.50
19	FRONT BUMPER	1800.00
20	Fuel Tank	200.00
21	HI-LIFT	5750.00
22	Hot Shift Pto	1287.50
23	Paint Fenders	299.535
24	Paint Truck	2750.7157
25	Pintle Hitch	3985.00
26	Remove Sleeper	700.00
27	Remove Sleeper:379 PETE	1800.00
28	REPAIRS	1094.4444
29	Ridewell Axle:8,000 LB Steerable	4412.50
30	Ridewell Axle:Axle Kit	1000.00
31	Ridewell Axle:Steerable Axle	35.00
32	Sandblast Frame	1300.00
33	SHORTEN FRAME	775.00
34	SLEEPER MODIFICATIONS/REPAIRS	2250.00
35	STAKE BED:10-15' STAKE BED	4750.00
36	STAKE BED:20-25' STAKE BED W/O HOIST	384.01
37	STAKE BED:NO LIFT 24'	1500.00
38	STRETCH	4000.00
39	STRETCH:UP TO 2'	1250.00
40	TARP 16X7	12500.00
41	TIRE 235 17.5 CONTINENTAL	1350.00
42	TOOL BOX	4241.9666
43	TRAILER PACKAGE	1920.00
44	TRAILER REPAIRS	397.955
45	Wet-Kits:Steel Single line Rear Mount	125.00

Report # 3

Report Name: Number of Assigned Jobs Per Employee

Report Description: This report shows the number of assigned hours and jobs each employee has.

Business Purpose: This report will be beneficial to management when assigning new jobs and ensuring that no one employee has too many jobs for the number of hours they can work. As seen in the report, one employee has been assigned 14 jobs despite working 25 hours a week, indicating some sort of discrepancy or mistake.

SQL Code:

```
Select
[dbo].[EMPLOYEE].[EMPLOYEE_FNAME] as 'First Name',
[dbo].[EMPLOYEE].[EMPLOYEE_LNAME] as 'Last Name',
[dbo].[EMPLOYEE].[EMPLOYEE_HOURS] as 'Weekly Hours',
[dbo].[EMPLOYEE].[EMPLOYEE_ID] as 'Employee ID',
COUNT([dbo].[EMPLOYEE].[EMPLOYEE_ID]) AS 'Number of Assigned Jobs'
FROM [dbo].[EMPLOYEE]
JOIN [dbo].[EMPLOYEE_SERVICE_LINE_ASSIGNMENT]
ON [dbo].[EMPLOYEE].[EMPLOYEE_ID] =
[dbo].[EMPLOYEE_SERVICE_LINE_ASSIGNMENT].[EMPLOYEE_ID]
GROUP BY [dbo].[EMPLOYEE].[EMPLOYEE_ID], [dbo].[EMPLOYEE].[EMPLOYEE_LNAME],
[dbo].[EMPLOYEE].[EMPLOYEE_FNAME], [dbo].[EMPLOYEE].[EMPLOYEE_HOURS]
ORDER BY 'Number of Assigned Jobs' DESC
```

Report/Query Results:

	First Name	Last Name	Weekly Hours	Employee ID	Number of Assigned Jobs
1	Hector	Torres	25	24	14
2	Ricardo	Carabez	30	15	8
3	Ernesto	Alanis	20	17	7
4	Hector	Valadez	31	8	6
5	Omar	Bibriesca	20	21	6
6	Carlos	Avila	29	14	5
7	Pedro	Medina	31	10	5
8	Gerson	Banegas	25	6	5
9	Roberto	Alanis	30	16	5
10	Luis	Bibriesca	16	12	5
11	Juan	Castaneda	15	13	4
12	Ignacio	Martinez	29	3	4
13	Pedro	Puerto	26	9	4
14	Adrian	Castillo	23	4	3
15	Yeison	Banegas	26	5	3
16	Victor	Barron	30	7	3
17	Fidencio	Dominguez	25	19	3
18	Manuel	Juarez	21	20	3
19	George	Hernandez	17	23	3
20	Luis	Alvarez	32	22	1
21	Israel	Ramirez	31	18	1
22	Omar	Para	30	11	1

Report #4

Report Name: Average Insurance Coverage Cost by Vehicle

Report Description: This report shows the average insurance coverage cost based on vehicle make, model, and year.

Business Purpose: This report will assist the business in informing customers about expected insurance coverage cost based on their vehicle and allow transparency when performing transactions involving insurance.

SQL Code:

```

SELECT
[dbo].[VEHICLE].[V_MAKE] AS 'Make',
[dbo].[VEHICLE].[V_MODEL] AS 'Model',
[dbo].[VEHICLE].[V_YEAR] AS 'Year',
AVG([dbo].[INSURANCE_POLICY].[COVERAGE_COST]) as 'Average Coverage Cost'
FROM [dbo].[VEHICLE]
JOIN [dbo].[VEHICLE_POLICY]
ON [dbo].[VEHICLE_POLICY].[V_VIN] = [dbo].[VEHICLE].[V_VIN]
JOIN [dbo].[INSURANCE_POLICY]
ON [dbo].[INSURANCE_POLICY].[POLICY_ID] = [dbo].[VEHICLE_POLICY].[POLICY_ID]
GROUP BY [dbo].[VEHICLE].[V_MODEL], [dbo].[VEHICLE].[V_MAKE],[dbo].[VEHICLE].[V_YEAR]

```

ORDER BY 'Make', 'Model', 'Year'

Report/Query Result:

	Make	Model	Year	Average Coverage Cost
1	Ford	LCF	2007	1234.32
2	Freightliner	eM2	2012	3123.43
3	Freightliner	eM2	2013	1452.23
4	Freightliner	eM2	2015	1507.775
5	Freightliner	eM2	2016	2341.21
6	Kenworth	K270E	2007	1033.23
7	Kenworth	K270E	2010	1234.32
8	Kenworth	K270E	2011	782.775
9	Kenworth	K270E	2013	1033.23
10	Kenworth	K270E	2019	1622.22
11	Kenworth	K370E	2009	532.32
12	Kenworth	K370E	2012	3123.43
13	Kenworth	K370E	2014	892.23
14	Kenworth	K370E	2020	903.23
15	Kenworth	T170	2015	1033.23
16	Kenworth	T170	2019	1614.922
17	Kenworth	T270	2012	532.32
18	Kenworth	T270	2016	622.825
19	Kenworth	T370	2009	437.37
20	Kenworth	T370	2011	3123.43
21	Kenworth	T370	2013	3123.43
22	Kenworth	T370	2014	1255.2533
23	Kenworth	T370	2016	1234.32
24	Kenworth	T370	2017	2013.33
25	Kenworth	T680	2010	992.275
26	Kenworth	T680	2011	1561.89
27	Kenworth	T680	2018	1234.32
28	Kenworth	T680	2020	892.23
29	Kenworth	T880	2006	1234.32
30	Kenworth	T880	2010	2341.21
31	Kenworth	T880	2011	883.32
32	Kenworth	T880	2012	897.73
33	Kenworth	T880	2013	903.23
34	Kenworth	T880	2014	342.42
35	Kenworth	T880	2015	1639.36
36	Kenworth	W900	2009	2123.32
37	Kenworth	W900	2011	2341.21
38	Kenworth	W900	2012	903.23
39	Kenworth	W900	2015	788.37
40	Kenworth	W900	2019	755.96
41	Kenworth	W90...	2009	1787.775
42	Kenworth	W90...	2014	903.23
43	Kenworth	W90...	2017	2341.21
44	Kenworth	W90...	2019	903.23
45	Kenworth	W90...	2020	1452.23
46	Peterbilt	365	2010	2341.21
47	Peterbilt	365	2011	3123.43
48	Peterbilt	367	2011	1636.862
49	Peterbilt	367	2012	2123.32
50	Peterbilt	367	2015	892.23
51	Peterbilt	367	2017	1055.2975
52	Peterbilt	389	2011	1452.23
53	Peterbilt	520	2012	2123.32
54	Peterbilt	520	2013	622.825
55	Peterbilt	520	2019	1237.104
56	Peterbilt	569	2012	532.32
57	Peterbilt	569	2016	1122.61
58	Peterbilt	569	2018	2123.32
59	Peterbilt	569	2019	3123.43
60	Peterbilt	579	2014	3123.43

PART TABLE

PART_ID	PART_NAME
1	Battery
2	Brakes
3	Axle
4	Fuel Injector
5	Piston
6	A/C Compressor
7	Radiator
8	Engine Fan
9	Clutch
10	Car Jack
11	Spare Tire
12	Transmission
13	Shock Absorbers
14	Air Filter
15	Spark Plug
16	Catalytic Converter
17	Muffler
18	Tire Pressure Gauge
19	Alternator
20	Power Steering Fluid

SERVICE LINE PART TABLE

SERVICE_LINE_ID	PART_ID
1	5
2	15
3	15
4	17
5	1
6	7
7	2
8	15
9	21
10	14
11	19
12	15
13	7
14	15
15	21
16	11
17	17

18	24
19	9
20	3
21	3
22	1
23	10
24	25
25	17
26	7
27	18
28	8
29	16
30	9
31	2
32	4
33	4
34	10
35	6
36	13
37	24
38	8
39	14
40	25
41	19
42	9
43	23
44	12
45	17
46	14
47	16
48	10
49	8
50	15
51	13
52	12
53	4
54	6
55	12
56	2
57	6
58	10
59	3
60	14

61	17
62	6
63	2
64	12
65	23
66	25
67	13
68	25
69	16
70	21
71	25
72	21
73	5
74	9
75	16
76	20
77	15
78	14
79	10
80	6
81	17
82	8
83	20
84	21
85	8
86	5
87	17
88	3
89	8
90	15
91	13
92	20
93	1
94	25
95	16
96	21
97	19
98	12
99	25
100	2

EMPLOYEE SERVICE LINE ASSIGNMENT TABLE

SERVICE_LINE_ID	EMPLOYEE_ID
1	5
2	15
3	15
4	17
5	24
6	7
7	24
8	15
9	21
10	14
11	19
12	15
13	7
14	15
15	21
16	11
17	17
18	24
19	9
20	3
21	3
22	24
23	10
24	25
25	17
26	7
27	18
28	8
29	16
30	9
31	24
32	4
33	4
34	10
35	6
36	13
37	24
38	8
39	14
40	24
41	19
42	9

43	23
44	12
45	17
46	14
47	16
48	10
49	8
50	15
51	13
52	12
53	4
54	6
55	12
56	24
57	6
58	10
59	3
60	14
61	17
62	6
63	24
64	12
65	23
66	24
67	13
68	24
69	16
70	21
71	23
72	21
73	5
74	9
75	16
76	20
77	15
78	14
79	10
80	6
81	17
82	8
83	20
84	21
85	8

86	5
87	17
88	3
89	8
90	15
91	13
92	20
93	24
94	22
95	16
96	21
97	19
98	12
99	24
100	24

SERVICE TABLE

SERVICE		DATE_ST	DATE_EN	
_ID	SERVICE_TYPE	ART	D	COST
1	REPAIRS	00:00.0	00:00.0	1800
2	TRAILER REPAIRS	00:00.0	00:00.0	731
3	TRAILER REPAIRS	00:00.0	00:00.0	64
4	REPAIRS	00:00.0	00:00.0	800
				1000
5	Paint Truck	00:00.0	00:00.0	1
	Boxes:Semi-Round:15'-16'			
6	Semi-Round	00:00.0	00:00.0	1000
				1200
7	Aluminum Tarp Arm Kit	00:00.0	00:00.0	0
8	HI-LIFT	00:00.0	00:00.0	1000
9	Detailing	00:00.0	00:00.0	4000
10	STRETCH	00:00.0	00:00.0	6000
	Double Frame:FRONT			1000
11	REAR HANGER	00:00.0	00:00.0	0
	Ridewell Axle:8,000 LB			1400
12	Steerable	00:00.0	00:00.0	0
	ALUMINUM WHEELS:17.5			
13	POLISHED ALUM	00:00.0	00:00.0	2750
	Boxes:Square Box:13'-14'			
14	Square	00:00.0	00:00.0	75
15	Hot Shift Pto	00:00.0	00:00.0	2000
				1150
16	Pintle Hitch	00:00.0	00:00.0	0
17	TRAILER PACKAGE	00:00.0	00:00.0	1450

	Boxes:Square Box:13'-14'			
18	Square	00:00.0	00:00.0	1800
19	Hot Shift Pto	00:00.0	00:00.0	750
20	Pintle Hitch	00:00.0	00:00.0	475
21	TRAILER PACKAGE	00:00.0	00:00.0	2400
	Boxes:Square Box:17'-18'			
22	Square	00:00.0	00:00.0	2500
23	Electric Tarp-Steel Arms	00:00.0	00:00.0	2800
	Boxes:Semi-Round:17'-18'			
24	Semi-Round	00:00.0	00:00.0	1000
25	Paint Truck	00:00.0	00:00.0	200
	SLEEPER			
26	MODIFICATIONS/REPAIRS	00:00.0	00:00.0	1500
	SLEEPER			
27	MODIFICATIONS/REPAIRS	00:00.0	00:00.0	3000
	STAKE BED:20-25' STAKE			
28	BED W/O HOIST	00:00.0	00:00.0	384
29	Fuel Tank	00:00.0	00:00.0	200
30	BATTERY BOX	00:00.0	00:00.0	2650
31	Paint Truck	00:00.0	00:00.0	2434
32	REPAIRS	00:00.0	00:00.0	5500
33	STRETCH:UP TO 2'	00:00.0	00:00.0	2000
34	Paint Truck	00:00.0	00:00.0	5400
35	REPAIRS	00:00.0	00:00.0	600
36	FREIGHT CHARGES	00:00.0	00:00.0	9500
37	STAKE BED:NO LIFT 24'	00:00.0	00:00.0	1500
38	STRETCH:UP TO 2'	00:00.0	00:00.0	500
39	TOOL BOX	00:00.0	00:00.0	385
40	Paint Fenders	00:00.0	00:00.0	449
	Boxes:Semi-Round:15'-16'			
41	Semi-Round	00:00.0	00:00.0	100
				1050
42	HI-LIFT	00:00.0	00:00.0	0
43	Electric Tarp-Steel Arms	00:00.0	00:00.0	850
44	Remove Sleeper:379 PETE	00:00.0	00:00.0	1800
	Boxes:Square Box:15'-16'			
45	Square	00:00.0	00:00.0	1350
				1050
46	Electric Tarp-Steel Arms	00:00.0	00:00.0	0
	Ridewell Axle:8,000 LB			
47	Steerable	00:00.0	00:00.0	850
	Ridewell Axle:8,000 LB			
48	Steerable	00:00.0	00:00.0	1800
	ALUMINUM WHEELS:17.5			
49	POLISHED ALUM	00:00.0	00:00.0	1350

	TIRE 235 17.5			
50	CONTINENTAL	00:00.0	00:00.0	1350
51	FREIGHT CHARGES	00:00.0	00:00.0	475
	Boxes:Semi-Round:13'-14'			
52	Semi-Round	00:00.0	00:00.0	3000
53	Hot Shift Pto	00:00.0	00:00.0	1000
54	Electric Tarp-Steel Arms	00:00.0	00:00.0	2000
55	Paint Truck	00:00.0	00:00.0	650
				1250
56	TARP 16X7	00:00.0	00:00.0	0
	STAKE BED:10-15' STAKE			
57	BED	00:00.0	00:00.0	5500
58	Pintle Hitch	00:00.0	00:00.0	7000
59	TOOL BOX	00:00.0	00:00.0	840
60	SHORTEN FRAME	00:00.0	00:00.0	750
61	TRAILER PACKAGE	00:00.0	00:00.0	4500
	Wet-Kits:Steel Single line			
62	Rear Mount	00:00.0	00:00.0	125
	Ridewell Axle:Steerable			
63	Axle	00:00.0	00:00.0	35
	Boxes:Semi-Round:13'-14'			
64	Semi-Round	00:00.0	00:00.0	110
65	Hot Shift Pto	00:00.0	00:00.0	1400
66	Electric Tarp-Steel Arms	00:00.0	00:00.0	1000
67	Paint Truck	00:00.0	00:00.0	100
	Boxes:Square Box:13'-14'			
68	Square	00:00.0	00:00.0	400
69	Electric Tarp-Steel Arms	00:00.0	00:00.0	850
70	Pintle Hitch	00:00.0	00:00.0	150
	STAKE BED:10-15' STAKE			
71	BED	00:00.0	00:00.0	4000
72	Pintle Hitch	00:00.0	00:00.0	800
				1150
73	TOOL BOX	00:00.0	00:00.0	0
74	SHORTEN FRAME	00:00.0	00:00.0	800
75	TRAILER PACKAGE	00:00.0	00:00.0	750
76	Remove Sleeper	00:00.0	00:00.0	700
	Boxes:DEMOLITION:15-17			
77	DEMO	00:00.0	00:00.0	300
78	Paint Truck	00:00.0	00:00.0	470
79	Paint Fenders	00:00.0	00:00.0	150
80	FRONT BUMPER	00:00.0	00:00.0	1800
81	TRAILER PACKAGE	00:00.0	00:00.0	500
	Boxes:Square Box:13'-14'			
82	Square	00:00.0	00:00.0	500

83	Electric Tarp-Steel Arms Boxes:DEMOLITION:15-17	00:00.0	00:00.0	5000
84	DEMO	00:00.0	00:00.0	1500
85	Excise Tax	00:00.0	00:00.0	150
86	Electric Tarp-Steel Arms	00:00.0	00:00.0	460
87	STRETCH	00:00.0	00:00.0	2000
88	Double Frame	00:00.0	00:00.0	2200
89	Ridewell Axle:Axle Kit Ridewell Axle:8,000 LB	00:00.0	00:00.0	1000
90	Steerable	00:00.0	00:00.0	1000
91	REPAIRS	00:00.0	00:00.0	200
92	REPAIRS ELECTRIC BRAKE CONTROL	00:00.0	00:00.0	100
93	INSTALL	00:00.0	00:00.0	1350
94	REPAIRS	00:00.0	00:00.0	300
95	Sandblast Frame	00:00.0	00:00.0	1300
96	REPAIRS	00:00.0	00:00.0	400
97	Boxes:Square Box	00:00.0	00:00.0	790
98	REPAIRS ALUMINUM WHEELS:17.5	00:00.0	00:00.0	150
99	POLISHED ALUM Boxes:DEMOLITION:15-17	00:00.0	00:00.0	8000
100	DEMO	00:00.0	00:00.0	3700
101	Alum. Tarp Arm Kit	00:00.0	00:00.0	300
102	COAL SHOOT	00:00.0	00:00.0	1100 1150
103	BODY UP INDICATOR KIT	00:00.0	00:00.0	0
104	HI-LIFT Ridewell Axle:Steerable	00:00.0	00:00.0	1800
105	Axle	00:00.0	00:00.0	750
106	TIRE 11R 22.5	00:00.0	00:00.0	500
107	ALUMINUM WHEELS	00:00.0	00:00.0	400
108	Diamond Plate on box	00:00.0	00:00.0	3000
109	REPAIRS	00:00.0	00:00.0	9500

Business Report 1: Active Customer Report

Report Description: Display customers who is recently serviced/servicing their vehicle at the shop

Report Purpose: The active customer report will show Herrera Fabricating with all customers that have had a service completed in a year. This report can be used to send some discount fliers on their next service for more business.

SQL Code:

```
SELECT Customer.C_FNAME AS "First Name", Customer.C_LNAME AS "Last Name",  
Customer_state.State_id as "State ID", CUSTOMER_STATUS.ACTIVE  
  
FROM Customer  
JOIN CUSTOMER_STATUS  
ON Customer.CUSTOMER_ID = CUSTOMER_STATUS.CUSTOMER_ID  
JOIN CUSTOMER_ORDER  
ON Customer.CUSTOMER_ID = CUSTOMER_ORDER.CUSTOMER_ID  
JOIN Customer_state  
ON Customer.CUSTOMER_ID = Customer_state.CUSTOMER_ID  
  
WHERE CUSTOMER_STATUS.C_ACTIVE in (1,3)  
ORDER BY CUSTOMER.C_LNAME;
```

Report/Query Results

	First Name	Last Name	State ID	ACTIVE
1	Best	American	44	ACTIVE
2	ATC	Chrome	44	ACTIVE-PREMIUM
3	Mid	County Land	44	ACTIVE-PREMIUM
4	Ernesto	Garcia	44	ACTIVE-PREMIUM
5	E	Jachon	44	ACTIVE-PREMIUM
6	NULL	Melesio	44	ACTIVE-PREMIUM
7	John	Molina	44	ACTIVE-PREMIUM
8	Jaimes	Nieto	44	ACTIVE-PREMIUM
9	Ramos	Rigoberto	44	ACTIVE-PREMIUM
10	NULL	Rush	44	ACTIVE
11	Circle	V Trucking	44	ACTIVE-PREMIUM

Business Report 2: Customer phone number Report

Reports Description: This report will show contact information to get in touch with customer by phone.

Report Purpose: This report will make easier to contact with customs when employees need to know more information about vehicles or modification on currant service.

SQL Code:

```
SELECT Customer.CUSTOMER_ID, Customer.C_FNAME AS "First Name", Customer.C_LNAME AS  
"Last Name",  
Customer_state.State_id as "State ID", CUSTOMER_STATUS.ACTIVE  
  
FROM Customer  
JOIN CUSTOMER_STATUS  
ON Customer.CUSTOMER_ID = CUSTOMER_STATUS.CUSTOMER_ID  
JOIN CUSTOMER_ORDER  
ON Customer.CUSTOMER_ID = CUSTOMER_ORDER.CUSTOMER_ID  
JOIN Customer_state  
ON Customer.CUSTOMER_ID = Customer_state.CUSTOMER_ID  
  
WHERE CUSTOMER_STATUS.C_ACTIVE in (1,3)  
ORDER BY CUSTOMER.C_LNAME;
```

Report/Query Results

Results		Messages				
	ID	First Name	Last Name	Contact No	State	VIN
1	9	John	Molina	713-903-9398	44	1C3EL55R92N382041
2	13	Headway	Oilfield Service	713-132-1313	44	1FTMF1EF8DKG22066
3	4	Ernesto	Garcia	832-855-4234	44	1FTWW31P05ED12447
4	22	NULL	Rush	843-347-4822	44	1G11B5SL4FF178012
5	8	ATC	Chrome	832-231-3131	44	1G1AS18H097240712
6	15	Mariano	Ramirez Saldana	293-312-3234	44	1GKFK33039R211644
7	17	Performance	Truck of Houston	842-424-4213	44	1GNEC13T64R214542
8	11	Circle	V Trucking	832-932-1231	44	1GNSCJE09DR285966
9	16	Kirk	Thomas	283-331-3124	44	1N6AA07A86N544349
10	3	NULL	Melesio	832-821-3921	44	1VWAP7A38DC019544
11	24	NULL	Larret	475-489-2874	44	2G4WD532651270530
12	5	Jaimes	Nieto	713-912-4123	44	2G61N5S34D9234666
13	25	NULL	Rush	512-837-4783	44	2HGFA165X6H554023
14	20	Ramos	Rigoberto	618-313-4684	44	2T2GA31U84C045001
15	2	NULL	Cowgirl	832-748-5406	44	3GTU2VEC3EG428370
16	23	Bernardino	Lopez	753-546-2475	44	3N1AB6AP1AL632607
17	1	Best	American	832-431-2231	44	3N1CN7AP7FL826328
18	7	E	Jachon	512-321-4234	44	4T4BF1FK0CR295850
19	19	Jag	Trucking	832-944-3135	44	4USBT33493LS81728
20	10	Joseph	Stair	281-312-1331	44	5J6YH28593L059584
21	12	NULL	Rush	512-321-3134	44	5N1AA0NC2EN603445
22	21	Oscar	Murica	918-323-2345	44	5XXGM4A75CG006305
23	6	Mid	County Land	281-394-3213	44	JM1CR293890323205
24	14	Paul	Stroup	832-534-2345	44	JTNBF3EK9A3098931
25	18	John	D	840-423-6543	44	WDBUF87J56X135129

Business Report 3: Customer vehicle insurance policy report

Reports Description: This report will provide customer vehicle insurance policy is active and inactive.

Report Purpose: This report will show to Herrera Fabricating that vehicle insurance is active or not the way it will help to understand management that they will keep the vehicle or not without insurance. Keeping vehicles without insurance it might be dangerous.

SQL Code:

```
SELECT CV.Customer_id AS "Customer id", V.V_VIN AS "Vehicle VIN",
VS.Active as "Status", IP.Policy_name as "Policy name"
FROM Vehicle V
```

```

JOIN Vehicle_STATUS VS
ON V.V_VIN = VS.V_VIN
JOIN CUSTOMER_Vehicle CV
ON CV.V_VIN = V.V_VIN
JOIN Vehicle_Policy VP
ON V.V_VIN = VP.V_VIN
JOIN INSURANCE_POLICY IP
ON VP.POLICY_ID= IP.POLICY_ID

```

```

WHERE VS.ACTIVE_ID in (1,2)
ORDER BY CV.CUSTOMER_ID;

```

Report/Query Results

Results		Messages	
	Customer id	Vehicle VIN	Status Policy name
1	1	3N1CN7AP7FL826328	Active Primary Auto Liability
2	2	3GTU2VEC3EG428370	Inactive General Liability
3	3	1VWAP7A38DC019544	Active Physical Damage
4	4	1FTWW31P05ED12447	Active Bobtail
5	5	2G61N5S34D9234666	Inactive Motor Truck Cargo
6	6	JM1CR293890323205	Active Rental Reimbursement
7	7	4T4BF1FK0CR295850	Inactive Trailer Interchange
8	8	1G1AS18H097240712	Active Medical Payment
9	9	1C3EL55R92N382041	Active Uninsured/Underinsured Motorists
10	10	5J6YH28583L059584	Active Reefer Breakdown Coverage
11	11	1GN5CJE09DR285966	Inactive Primary Auto Liability
12	12	5N1AA0NC2EN603445	Inactive General Liability
13	13	1FTMF1EF8DKG22066	Active Physical Damage
14	14	JTNBF3EK9A3098931	Inactive Bobtail
15	15	1GKFK33039R211644	Active Motor Truck Cargo
16	16	1N6AA07A86N544349	Inactive Rental Reimbursement
17	17	1GNEC13T64R214542	Active Trailer Interchange
18	18	WDBUF87J56X135129	Inactive Medical Payment
19	19	4USBT33493LS81728	Inactive Uninsured/Underinsured Motorists
20	20	2T2GA31U84C045001	Active Reefer Breakdown Coverage
21	21	5XXGM4A75CG006305	Active Primary Auto Liability
22	22	1G11B5SL4FF178012	Active General Liability
23	23	3N1AB6AP1AL632607	Active Physical Damage
24	24	2G4WD532651270530	Active Bobtail
25	25	2HGFA165X6H554023	Active Motor Truck Cargo
26	26	1C6RR6GT9ES365442	Inactive Rental Reimbursement
27	27	3MZBM1L73FM114959	Active Trailer Interchange
28	28	1G1JC6SH2F4127313	Inactive Medical Payment
29	29	3VW7T7AT4DM893975	Active Uninsured/Underinsured Motorists
30	30	2C4RC1CG2CR171436	Active Reefer Breakdown Coverage
31	31	5GZDV03L56D125276	Inactive Primary Auto Liability
32	32	1J4RR4GG7BC787547	Active General Liability
33	33	2HGFB2F59CH525577	Active Physical Damage
34	34	1N4AL3AP7FN348114	Active Bobtail
35	35	1GCRCPFA9CZ281529	Inactive Motor Truck Cargo
36	36	3GCPKSE74DG113610	Active Rental Reimbursement

	Customer id	Vehicle VIN	Status	Policy name
37	37	1B7GL22X8WS527664	Active	Trailer Interchange
38	38	4JGBB75E06A044143	Active	Medical Payment
39	39	1G8ZS57N87F203073	Active	Uninsured/Underinsured Motorists
40	40	2C3LA63H67H781387	Active	Reefer Breakdown Coverage
41	41	5FN9YF3H28EB098129	Inactive	Primary Auto Liability
42	42	KMH0H4AE2FU2764...	Inactive	General Liability
43	43	1FDKE37S3VHB26425	Inactive	Physical Damage
44	44	5J8TB4H5XFL010719	Inactive	Bobtail
45	45	4T4BE46K38R098862	Inactive	Motor Truck Cargo
46	46	1GCHK23U91F117999	Inactive	Rental Reimbursement
47	47	19XFA1F5XBE087240	Inactive	Trailer Interchange
48	48	4JGBF78E58A602135	Active	Medical Payment
49	49	1D7HU18298S536471	Active	Uninsured/Underinsured Motorists
50	50	1GKFK16ZX4J375043	Inactive	Reefer Breakdown Coverage
51	51	3VW7T7AT5DM873833	Inactive	Primary Auto Liability
52	52	KNDJE723177340233	Active	General Liability
53	53	SALAA25425A337143	Active	Physical Damage
54	54	1HGCR2F71DA276241	Active	Bobtail
55	55	WAUEFGFF4F1066642	Inactive	Motor Truck Cargo
56	56	1N4AB41DXXC760684	Inactive	Rental Reimbursement
57	57	2FMGK5BC0ABD73600	Active	Trailer Interchange
58	58	1GN5CBE05DR309007	Inactive	Medical Payment
59	59	1C3EL46X65N505015	Active	Uninsured/Underinsured Motorists
60	60	3N1AB6AP9CL737656	Active	Reefer Breakdown Coverage
61	61	4V4JDBRF8TR809309	Inactive	Primary Auto Liability
62	62	5N1AR2MN5EC639066	Active	General Liability
63	63	JTDKB20U273296665	Inactive	Physical Damage
64	64	KM8JUCAG9FU908109	Active	Bobtail
65	65	3VWJM71K48M168490	Active	Motor Truck Cargo
66	66	1G1ZG57B19F123557	Active	Rental Reimbursement
67	67	1G4HP54K014129658	Inactive	Trailer Interchange
68	68	1GN5CCE07BR355358	Active	Medical Payment
69	69	1FAFP10P2XW141576	Active	Uninsured/Underinsured Motorists
70	70	2HSCEAXR7YC012070	Active	Reefer Breakdown Coverage
71	71	WDBJF65J3YB093912	Inactive	Primary Auto Liability
72	72	KNAFU5A27C5688952	Inactive	General Liability
73	73	1D7RB1GPXAS185874	Inactive	Physical Damage

120 %

Results Messages

	Customer id	Vehicle VIN	Status	Policy name
65	65	3VWJM71K48M168490	Active	Motor Truck Cargo
66	66	1G1ZG57B19F123557	Active	Rental Reimbursement
67	67	1G4HP54K014129658	Inactive	Trailer Interchange
68	68	1GN5CCE07BR355358	Active	Medical Payment
69	69	1FAFP10P2XW141576	Active	Uninsured/Underinsured Motorists
70	70	2H5CEAXR7YC012070	Active	Reefer Breakdown Coverage
71	71	WDBJF65J3YB093912	Inactive	Primary Auto Liability
72	72	KNAFU5A27C5688952	Inactive	General Liability
73	73	1D7RB1GPXAS185874	Inactive	Physical Damage
74	74	1N4AA51E09C843514	Inactive	Bobtail
75	75	2B3HD46Z82H110282	Active	Motor Truck Cargo
76	76	4E3AK54FXSE191774	Inactive	Rental Reimbursement
77	77	4S3BG6856W7636770	Inactive	Trailer Interchange
78	78	WDBWK73F09F143987	Active	Medical Payment
79	79	JNKH14C0MT090653	Inactive	Uninsured/Underinsured Motorists
80	80	1FTFW1EF5DFA79986	Active	Reefer Breakdown Coverage
81	81	19XFB2F55DE061070	Inactive	Primary Auto Liability
82	82	1D7HE22K26S555758	Inactive	General Liability
83	83	2FMDK4JC4DBB89814	Active	Physical Damage
84	84	1C6RR7LM8ES473782	Inactive	Bobtail
85	85	3G5CL33P68S652273	Active	Motor Truck Cargo
86	86	4T1BG22K8YU652783	Active	Rental Reimbursement
87	87	2A4RR5DG9BR730946	Inactive	Trailer Interchange
88	88	JTDKB20U977678801	Inactive	Medical Payment
89	89	5NPEB4AC7DH761732	Active	Uninsured/Underinsured Motorists
90	90	1GBGC24R8XR717525	Active	Reefer Breakdown Coverage
91	91	1FMJU1J57BEF16835	Active	Primary Auto Liability
92	92	1HGGC6658WA121470	Inactive	General Liability
93	93	1FMFU20576LA76257	Active	Physical Damage
94	94	JN8AZ1MWXDW321...	Active	Bobtail
95	95	1B3AL56R72N189204	Active	Motor Truck Cargo
96	96	WBAVA33557PG84279	Active	Rental Reimbursement
97	97	1VWBH7A34CC000747	Active	Trailer Interchange
98	98	4A3AC34G71E114809	Active	Medical Payment
99	99	1FCJE39H9LHB90581	Active	Uninsured/Underinsured Motorists
100	100	5NPEC4AC5BH273745	Inactive	Reefer Breakdown Coverage

Business Report 4: Count the Services of active and inactive vehicles

Reports Description: User can view which services are mostly been used

Report Purpose: This report will show data about services that has been mostly used for vehicles for active ones and for inactive ones separately.

SQL Code:

```
SELECT Service.Service_Type, count(Vehicle_Service.Service_id) as "Count services",
Vehicle_Status.ACTIVE
FROM Vehicle
JOIN Vehicle_Service
ON Vehicle.V_VIN = Vehicle_Service.V_VIN
JOIN Service
ON Vehicle_Service.SERVICE_ID = Service.SERVICE_ID
JOIN Vehicle_Status
```


ON Vehicle.V_VIN = Vehicle_Status.V_VIN
group by Service.Service_Type, Vehicle_Status.ACTIVE
order by 2 desc

Report/Query Results

Results		Messages	
	Service_Type	Count services	ACTIVE
1	REPAIRS	7	Active
2	Electric Tarp-Steel Arms	6	Active
3	Paint Truck	4	Inactive
4	Pintle Hitch	3	Inactive
5	Boxes:DEMOLITION:15-17 DEMO	3	Inactive
6	Boxes:Square Box:13'-14' Square	3	Inactive
7	ALUMINUM WHEELS:17.5 POLISHED ALUM	3	Active
8	Hot Shift Pto	3	Active
9	Paint Truck	3	Active
10	TRAILER PACKAGE	3	Active
11	Pintle Hitch	2	Active
12	STRETCH:UP TO 2'	2	Active
13	TOOL BOX	2	Active
14	Ridewell Axle:8,000 LB Steerable	2	Active
15	Boxes:Semi-Round:13'-14' Semi-Round	2	Active
16	Electric Tarp-Steel Arms	2	Inactive
17	REPAIRS	2	Inactive
18	Ridewell Axle:8,000 LB Steerable	2	Inactive
19	TRAILER PACKAGE	2	Inactive
20	TRAILER REPAIRS	1	Inactive
21	Boxes:Semi-Round:15'-16' Semi-Round	1	Inactive
22	Remove Sleeper	1	Inactive
23	Remove Sleeper:379 PETE	1	Inactive
24	Ridewell Axle:Steerable Axle	1	Inactive
25	SHORTEN FRAME	1	Inactive
26	SLEEPER MODIFICATIONS/REPAIRS	1	Inactive
27	STAKE BED:10-15' STAKE BED	1	Inactive
28	STAKE BED:20-25' STAKE BED W/O HOIST	1	Inactive
29	STRETCH	1	Inactive
30	TARP 16X7	1	Inactive
31	TIRE 235 17.5 CONTINENTAL	1	Inactive
32	TOOL BOX	1	Inactive
33	FREIGHT CHARGES	1	Inactive
34	HI-LIFT	1	Inactive
35	Hot Shift Pto	1	Inactive

	Results	Messages
	Service_Type	Count services ACTIVE
29	STRETCH	1 Inactive
30	TARP 16X7	1 Inactive
31	TIRE 235 17.5 CONTINENTAL	1 Inactive
32	TOOL BOX	1 Inactive
33	FREIGHT CHARGES	1 Inactive
34	HI-LIFT	1 Inactive
35	Hot Shift Pto	1 Inactive
36	Paint Fenders	1 Inactive
37	Boxes: Square Box: 15'-16' Square	1 Inactive
38	Double Frame	1 Inactive
39	Double Frame: FRONT REAR HANGER	1 Inactive
40	Boxes: Semi-Round: 15'-16' Semi-Round	1 Active
41	Boxes: Semi-Round: 17'-18' Semi-Round	1 Active
42	Boxes: Square Box	1 Active
43	Boxes: Square Box: 13'-14' Square	1 Active
44	Boxes: Square Box: 17'-18' Square	1 Active
45	Detailing	1 Active
46	ELECTRIC BRAKE CONTROL INSTALL	1 Active
47	Paint Fenders	1 Active
48	BATTERY BOX	1 Active
49	Excise Tax	1 Active
50	FREIGHT CHARGES	1 Active
51	FRONT BUMPER	1 Active
52	Fuel Tank	1 Active
53	HI-LIFT	1 Active
54	Ridewell Axle: Axle Kit	1 Active
55	Sandblast Frame	1 Active
56	SHORTEN FRAME	1 Active
57	SLEEPER MODIFICATIONS/REPAIRS	1 Active
58	STAKE BED: 10-15' STAKE BED	1 Active
59	STAKE BED: NO LIFT 24'	1 Active
60	STRETCH	1 Active
61	TRAILER REPAIRS	1 Active
62	Wet-Kits: Steel Single line Rear Mount	1 Active
63	Aluminum Tarp Arm Kit	1 Inactive

DATA EXAMPLE

Table 1: Customer Order

SERVICE_ORDER_ID|CUSTOMER_ID

1|1
2|2
3|3
4|4
5|5
6|6
7|7
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93|93
94|94
95|95
96|96
97|97
98|98
99|99
100|100

Table 2: Customer Vehicle

V_VIN|CUSTOMER_ID
3N1CN7AP7FL826328|1
3GTU2VEC3EG428370|2
1VWAP7A38DC019544|3
1FTWW31P05ED12447|4

2G61N5S34D9234666|5
JM1CR293890323205|6
4T4BF1FK0CR295850|7
1G1AS18H097240712|8
1C3EL55R92N382041|9
5J6YH28593L059584|10
1GNSCJE09DR285966|11
5N1AA0NC2EN603445|12
1FTMF1EF8DKG22066|13
JTNBF3EK9A3098931|14
1GKFK33039R211644|15
1N6AA07A86N544349|16
1GNEC13T64R214542|17
WDBUF87J56X135129|18
4USBT33493LS81728|19
2T2GA31U84C045001|20
5XXGM4A75CG006305|21
1G11B5SL4FF178012|22
3N1AB6AP1AL632607|23
2G4WD532651270530|24
2HGFA165X6H554023|25
1C6RR6GT9ES365442|26
3MZBM1L73FM114959|27
1G1JC6SH2F4127313|28
3VW7T7AT4DM893975|29
2C4RC1CG2CR171436|30
5GZDV03L56D125276|31
1J4RR4GG7BC787547|32
2HGFB2F59CH525577|33
1N4AL3AP7FN348114|34
1GCRCPEA9CZ281529|35
3GCPKSE74DG113610|36
1B7GL22X8WS527664|37
4JGBB75E06A044143|38
1G8ZS57N87F203073|39
2C3LA63H67H781387|40
5FNYP3H28EB098129|41
KMHDH4AE2FU276480|42
1FDKE37S3VHB26425|43
5J8TB4H5XFL010719|44
4T4BE46K38R098862|45
1GCHK23U91F117999|46
19XFA1F5XBE087240|47
4JGBF7BE5BA602135|48
1D7HU18298S536471|49
1GKFK16ZX4J375043|50

3VW7T7AT5DM873833|51
KNDJE723177340233|52
SALAA25425A337143|53
1HGCR2F71DA276241|54
WAUEFGFF4F1066642|55
1N4AB41DXXC760684|56
2FMGK5BC0ABD73600|57
1GNSCBE05DR309007|58
1C3EL46X65N505015|59
3N1AB6AP9CL737656|60
4V4JDBRF8TR809309|61
5N1AR2MN5EC639066|62
JTDKB20U273296665|63
KM8JUCAG9FU908109|64
3VWJM71K48M168490|65
1G1ZG57B19F123557|66
1G4HP54K014129658|67
1GNSCCE07BR355358|68
1FAFP10P2XW141576|69
2HSCEAXR7YC012070|70
WDBJF65J3YB093912|71
KNAFU5A27C5688952|72
1D7RB1GPXAS185874|73
1N4AA51E09C843514|74
2B3HD46Z82H110282|75
4E3AK54FXSE191774|76
4S3BG6856W7636770|77
WDBWK73F09F143987|78
JNKHf14C0MT090653|79
1FTFW1EF5DFA79986|80
19XFB2F55DE061070|81
1D7HE22K26S555758|82
2FMDK4JC4DBB89814|83
1C6RR7LM8ES473782|84
3GSCL33P68S652273|85
4T1BG22K8YU652783|86
2A4RR5DG9BR730946|87
JTDKB20U977678801|88
5NPEB4AC7DH761732|89
1GBGC24R8XR717525|90
1FMJU1J57BEF16835|91
1HGCG5658WA121470|92
1FMFU20576LA76257|93
JN8AZ1MWXDW321873|94
1B3AL56R72N189204|95
WBAVA33557PG84279|96

1VWBH7A34CC000747|97
4A3AC34G71E114809|98
1FCJE39H9LHB90581|99
5NPEC4AC5BH273745|100

Table 3: Customer Insurance Policy

INSURANCE_ID|POLICY_ID

1|1
2|2
3|3
4|4
5|5
6|6
7|7
8|8
9|9
10|10
11|1
12|2
13|3
14|4
15|5
16|6
17|7
18|8
19|9
20|10
21|1
22|2
23|3
24|4
25|5
26|6
27|7
28|8
29|9
30|10
31|1
32|2
33|3
34|4
35|5

Table 4: Vehicle Policy

V_VIN|POLICY_ID

3N1CN7AP7FL826328|1
3GTU2VEC3EG428370|2
1VWAP7A38DC019544|3
1FTWW31P05ED12447|4
2G61N5S34D9234666|5
JM1CR293890323205|6
4T4BF1FK0CR295850|7
1G1AS18H097240712|8
1C3EL55R92N382041|9
5J6YH28593L059584|10
1GNSCJE09DR285966|1
5N1AA0NC2EN603445|2
1FTMF1EF8DKG22066|3
JTNBF3EK9A3098931|4
1GKFK33039R211644|5
1N6AA07A86N544349|6
1GNEC13T64R214542|7
WDBUF87J56X135129|8
4USBT33493LS81728|9
2T2GA31U84C045001|10
5XXGM4A75CG006305|1
1G11B5SL4FF178012|2
3N1AB6AP1AL632607|3
2G4WD532651270530|4
2HGFA165X6H554023|5
1C6RR6GT9ES365442|6
3MZBM1L73FM114959|7
1G1JC6SH2F4127313|8
3VW7T7AT4DM893975|9
2C4RC1CG2CR171436|10
5GZDV03L56D125276|1
1J4RR4GG7BC787547|2
2HGFB2F59CH525577|3
1N4AL3AP7FN348114|4
1GCRCPEA9CZ281529|5
3GCPKSE74DG113610|6
1B7GL22X8WS527664|7
4JGBB75E06A044143|8
1G8ZS57N87F203073|9
2C3LA63H67H781387|10
5FNYF3H28EB098129|1
KMHDH4AE2FU276480|2
1FDKE37S3VHB26425|3
5J8TB4H5XFL010719|4
4T4BE46K38R098862|5
1GCHK23U91F117999|6

19XFA1F5XBE087240|7
4JGBF7BE5BA602135|8
1D7HU18298S536471|9
1GKFK16ZX4J375043|10
3VW7T7AT5DM873833|1
KNDJE723177340233|2
SALAA25425A337143|3
1HGCR2F71DA276241|4
WAUEFGFF4F1066642|5
1N4AB41DXXC760684|6
2FMGK5BC0ABD73600|7
1GNSCBE05DR309007|8
1C3EL46X65N505015|9
3N1AB6AP9CL737656|10
4V4JDBRF8TR809309|1
5N1AR2MN5EC639066|2
JTDKB20U273296665|3
KM8JUCAG9FU908109|4
3VWJM71K48M168490|5
1G1ZG57B19F123557|6
1G4HP54K014129658|7
1GNSCCE07BR355358|8
1FAFP10P2XW141576|9
2HSCEAXR7YC012070|10
WDBJF65J3YB093912|1
KNAFU5A27C5688952|2
1D7RB1GPXAS185874|3
1N4AA51E09C843514|4
2B3HD46Z82H110282|5
4E3AK54FXSE191774|6
4S3BG6856W7636770|7
WDBWK73F09F143987|8
JNKHf14C0MT090653|9
1FTFW1EF5DFA79986|10
19XFB2F55DE061070|1
1D7HE22K26S555758|2
2FMDK4JC4DBB89814|3
1C6RR7LM8ES473782|4
3GSCL33P68S652273|5
4T1BG22K8YU652783|6
2A4RR5DG9BR730946|7
JTDKB20U977678801|8
5NPEB4AC7DH761732|9
1GBGC24R8XR717525|10
1FMJU1J57BEF16835|1
1HGCG5658WA121470|2

1FMFU20576LA76257|3
JN8AZ1MWXDW321873|4
1B3AL56R72N189204|5
WBAVA33557PG84279|6
1VWBH7A34CC000747|7
4A3AC34G71E114809|8
1FCJE39H9LHB90581|9
5NPEC4AC5BH273745|10

Report #1

Report Name: Active Employee Pay Rate Report

Report Description: This report displays a list of employee pay rates

Business Description: This report is beneficial to the business because it allows them to quickly access employee pay rates in relation to their job role. This will help Herrera Fabricating Inc indicate any inconsistency in employee pay.

SQL Code:

```
USE CoogTechSolutions

SELECT EMPLOYEE.EMPLOYEE_LNAME AS 'Last Name',
       EMPLOYEE.EMPLOYEE_FNAME AS 'First Name',
       EMPLOYEE.EMPLOYEE_PAY_RATE AS 'Hourly Pay',
       EMPLOYEE.EMPLOYEE_JOB_FUNC AS 'Job Role',
       Employee_Status.ACTIVE AS 'Status'

FROM EMPLOYEE

JOIN Employee_Status ON EMPLOYEE.EMPLOYEE_ID=Employee_Status.Employee_ID
JOIN EMPLOYEE_LOOKUP ON EMPLOYEE.EMPLOYEE_ID=EMPLOYEE_LOOKUP.EMPLOYEE_ID
JOIN EMPLOYEE_SERVICE_LINE_ASSIGNMENT ON
EMPLOYEE_SERVICE_LINE_ASSIGNMENT.SERVICE_LINE_ID = SERVICE_LINE_ID

WHERE Employee_Status.ACTIVE_ID = 1

ORDER BY [Hourly Pay],[Job Role];
```

Report/Query Results:

Last Name	First Name	Hourly Pay	Job Role	Status
Torres	Hector	\$10.00	Painter	Active
Bibriesca	Luis	\$10.30	Welder	Active
Castaneda	Juan	\$10.60	Painter	Active
Avila	Carlos	\$11.00	Welder	Active
Puerto	Pedro	\$11.20	Framework	Active
Dominguez	Fidencio	\$11.25	Framework	Active
Alanis	Ernesto	\$12.20	Technician	Active
Martinez	Ignacio	\$12.40	Welder	Active
Alanis	Roberto	\$13.00	Framework	Active
Barron	Victor	\$13.25	Welder	Active
Banegas	Yeison	\$13.30	Office Assistant	Active
Valadez	Hector	\$13.50	Welder	Active
Ramirez	Israel	\$14.00	Welder	Active
Castillo	Adrian	\$15.00	Painter	Active
Garcia	Blanca	\$15.85	Office Manager	Active
Herrera	Martin	\$20.00	Owner	Active

Report #2

Report Name: Active Part Time Employees Report

Report Description: the report displays a list of active part time employees

Business Description: By Law, an employee is considered part-time if they work 20 hours per week or less. This report will make it easier to differentiate part-time from full-time employees. This is especially beneficial when it's time to sign everyone up for health benefits and more.

SQL Code:

USE CoogTechSolutions

```

SELECT EMPLOYEE.EMPLOYEE_LNAME AS 'Last Name',
       EMPLOYEE.EMPLOYEE_FNAME AS 'First Name',
       Employee_Status.ACTIVE AS 'Status',
       EMPLOYEE.EMPLOYEE_HOURS AS 'Hours Scheduled',
       EMPLOYEE.EMPLOYEE_JOB_FUNC AS 'Job Role'

FROM EMPLOYEE

JOIN Employee_Status ON EMPLOYEE.EMPLOYEE_ID=Employee_Status.Employee_ID
JOIN EMPLOYEE_LOOKUP ON EMPLOYEE.EMPLOYEE_ID=EMPLOYEE_LOOKUP.EMPLOYEE_ID
JOIN EMPLOYEE_SERVICE_LINE_ASSIGNMENT ON
EMPLOYEE_SERVICE_LINE_ASSIGNMENT.SERVICE_LINE_ID = SERVICE_LINE_ID
JOIN SUPPLIER_PART ON SUPPLIER_PART.PART_ID=PART_ID

```

```
WHERE EMPLOYEE.EMPLOYEE_HOURS <= 20
AND Employee_Status.ACTIVE_ID = 1

ORDER BY EMPLOYEE_LNAME;
```

Report/Query Results:

Last Name	First Name	Status	Hours Scheduled	Job Role
Alanis	Ernesto	Active	20	Technician
Bibriesca	Luis	Active	16	Welder
Castaneda	Juan	Active	15	Painter

Report #3

Report Name: Active Suppliers Report

Report Description: the report displays a list of active suppliers Herrera can conduct business with

Business Description: This report makes it easier for Herrera Fabricating Inc to query active suppliers they can order parts from. Without this it would take them longer to manually search for who to conduct business with.

SQL Code:

```
USE CoogTechSolutions

SELECT SUPPLIER.SUPPLIER_ID AS 'Supplier ID',
       SUPPLIER.SUPPLIER_NAME AS 'Supplier Name',
       SUPPLIER_STATUS.ACTIVE AS 'Supplier Status'

FROM SUPPLIER

JOIN SUPPLIER_STATUS ON SUPPLIER.SUPPLIER_ID=SUPPLIER_STATUS.SUPPLIER_ID
JOIN SUPPLIER_PART ON SUPPLIER.SUPPLIER_ID=SUPPLIER_PART.SUPPLIER_ID
JOIN SUPPLIER_LOOKUP ON SUPPLIER.SUPPLIER_ID=SUPPLIER_LOOKUP.SUPPLIER_ID

WHERE ACTIVE_ID = 1

ORDER BY SUPPLIER_NAME,[Supplier ID];
```

Report/Query Results:

Supplier ID	Supplier Name	Supplier Status
1	Air Liquide	ACTIVE
9	Airman Products	ACTIVE
7	Buyers Products Company	ACTIVE
16	Dayton Parts, LLC	ACTIVE
17	Fleetrite	ACTIVE
3	Fruitland Manufacturing	ACTIVE
10	Hendrickson	ACTIVE
13	Jackrabbit Steel Products, Inc	ACTIVE
6	Link Manufacturing, Ltd	ACTIVE
4	Ridewell Suspensions	ACTIVE
14	Rush Truck Center - Austin	ACTIVE
11	SSAB	ACTIVE
18	Transwest Trucks	ACTIVE
19	United Truck Centers	ACTIVE

Report #4

Report Name: Recent Service on Vin Report

Report Description: the report displays a list of most recent VINS worked on

Business Description: This report makes it easier for Herrera Fabricating Inc to query the most recent vin numbers that were worked on and what exactly was done. This allows our client to reference their most recent work in a matter of seconds.

SQL Code:

```
USE CoogTechSolutions

SELECT VEHICLE.V_VIN AS 'VIN Number',
       VEHICLE.V_MAKE AS 'Make',
       VEHICLE_LOOKUP.V_SERVICE AS 'Service Done'

FROM VEHICLE

JOIN VEHICLE_LOOKUP ON VEHICLE.V_VIN=VEHICLE_LOOKUP.V_VIN
JOIN VEHICLE_POLICY ON VEHICLE.V_VIN=VEHICLE_LOOKUP.V_VIN
JOIN VEHICLE_SERVICE ON VEHICLE.V_VIN=VEHICLE_SERVICE.V_VIN
JOIN VEHICLE_STATUS ON VEHICLE.V_VIN=VEHICLE_STATUS.V_VIN

WHERE VEHICLE.V_VIN=VEHICLE_LOOKUP.V_VIN

ORDER BY [VIN Number];
```

Report/Query Results:

VIN Number	Make	Service Done
19XFA1F5XBE087240	Kenworth	STRETCH FRAME TO 30"
19XFB2F55DE061070	Kenworth	EZ SWITCH KIT
1B3AL56R72N189204	Peterbilt	INSTALL TRAILER PACKAGE ON TRUCK
1B7GL22X8WS527664	Kenworth	DAY CAB
1C3EL46X65N505015	Kenworth	REPAIRS ON DUMP BED
1C3EL55R92N382041	Kenworth	MADE REPAIRS TO TRUCK
1C6RR6GT9ES365442	Kenworth	INSTALL USED BED LINER
1C6RR7LM8ES473782	Kenworth	45 DEG ALUM ELBOW KIT
1D7HE22K26S555758	Peterbilt	BULLET PROOF SLIM 12V MOTOR, CHROME
1D7HU18298S536471	Kenworth	RAISE 5TH WHEEL, ADD TRACK 30" SMALL RAMP
1D7RB1GPXAS185874	Kenworth	CABLE, PTO & VALVE CONT, LG 8FT
1FAFP10P2XW141576	Peterbilt	Remove fuel tanks, sand, and paint
1FCJE39H9LHB90581	Kenworth	TOOL BOX INSTALLED
1FDKE37S3VHB26425	Kenworth	Base coat/ clear coat
1FMFU20576LA76257	Freightliner	BUILD & INSTALL A NEW 12 FOOT PLATFORM BED WITH H
1FMJU1J57BEF16835	Kenworth	PASSENGER FUEL TANK
1FTFW1EF5DFA79986	Kenworth	PASSENGER SIDE OF CAB WAS JACK KNIFED, REPAIRED AN
1FTMF1EF8DKG22066	Peterbilt	STEAM CLEAN FROM FRONT BUMPER TO END OF FRAME
1FTWW31P05ED12447	Peterbilt	CUSTOMER TOWED TRAILER TO YARD, REMOVED CYLINDE
1G11B5SL4FF178012	Peterbilt	PREP CAB FOR PAINT, BUILD NEW BRACKETS AND SUPPOR
1G1AS18H097240712	Peterbilt	INSTALL PUSHERS ON TRUCK
1G1JC6SH2F4127313	Peterbilt	INSTALL HYDRAULICS FOR THE PUB
1G1ZG57B19F123557	Peterbilt	Paint day cab truck to customers specification
1G4HP54K014129658	Kenworth	Remove winch, sandblast and paint cage, accessories, along
1G8ZS57N87F203073	Peterbilt	Removable sides; swing gate door
1GBGC24R8XR717525	Kenworth	TANKER TRUCK
1GCHK23U91F117999	Kenworth	UPCHARGE FOR HI-LIFT TAIL GATE
1GCRCPEA9CZ281529	Kenworth	Build and Install new steel battery box
1GKFK16ZX4J375043	Kenworth	USED WINGS FOR SLEEPER KW
1GKFK33039R211644	Peterbilt	Double frame from the front rear hanger to the end of frame
1GNEC13T64R214542	Kenworth	INSTALL TRAILER PACKAGE ON TRUCK
1GNSCBE05DR309007	Kenworth	Aluminum side mount tank
1GNSCCE07BR355358	Kenworth	Install winch
1GNSCJE09DR285966	Kenworth	ALUMINUM TARP ARM KIT INSTALLED

Data:

Vehicle Table

V_VIN|V_MAKE|V_MODEL|V_YEAR|V_LISCENSE_PLATE

3N1CN7AP7FL826328|Ford|LCF|2007|L34-300T

3GTU2VEC3EG428370|Peterbilt|389|2011|L32-642z

1VWAP7A38DC019544|Peterbilt|579|2014|5N7-1K42

1FTWW31P05ED12447|Peterbilt|365|2010|Of1-8H12

2G61N5S34D9234666|Kenworth|W900|2009|7U7-6b21
JM1CR293890323205|Kenworth|T880|2012|DX6-1D24
4T4BF1FK0CR295850|Kenworth|W900L|2019|lp7-4z52
1G1AS18H097240712|Peterbilt|367|2011|cb0-2r35
1C3EL55R92N382041|Kenworth|T680|2010|A77-9525
5J6YH28593L059584|Peterbilt|520|2019|R74-7r25
1GNSCJE09DR285966|Kenworth|T880|2011|p58-8g25
5N1AA0NC2EN603445|Kenworth|W900L|2020|AG5-4325
1FTMF1EF8DKG22066|Peterbilt|365|2011|xs9-7825
JTNBF3EK9A3098931|Kenworth|W900L|2017|oy5-8L25
1GKFK33039R211644|Peterbilt|520|2012|BL6-8x25
1N6AA07A86N544349|Peterbilt|367|2015|Vp8-7y25
1GNEC13T64R214542|Kenworth|T880|2013|Hk2-3325
WDBUF87J56X135129|Kenworth|T170|2015|FC9-2e35
4USBT33493LS81728|Kenworth|T270|2012|DT8-8o35
2T2GA31U84C045001|Kenworth|T370|2009|N24-6N35
5XXGM4A75CG006305|Kenworth|K270E|2010|KP7-9u35
1G11B5SL4FF178012|Peterbilt|569|2016|l33-3p35
3N1AB6AP1AL632607|Kenworth|K370E|2012|hd2-9r35
2G4WD532651270530|Freightliner|eM2|2016|Bq0-3j35
2HGFA165X6H554023|Peterbilt|367|2011|v22-2N35
1C6RR6GT9ES365442|Kenworth|T680|2020|AO9-7e35
3MZBM1L73FM114959|Kenworth|K370E|2020|LQ8-2e35
1G1JC6SH2F4127313|Peterbilt|520|2019|Sw7-1F35
3VW7T7AT4DM893975|Kenworth|T370|2009|YG8-9E35
2C4RC1CG2CR171436|Kenworth|T880|2014|d57-6z35
5GZDV03L56D125276|Peterbilt|520|2019|VX8-4A53

1J4RR4GG7BC787547|Peterbilt|367|2011|hf3-6b35
2HGFB2F59CH525577|Peterbilt|569|2019|ni6-4e35
1N4AL3AP7FN348114|Kenworth|T880|2010|V86-2w35
1GCRCPEA9CZ281529|Kenworth|W900L|2009|tq7-7m35
3GCPKSE74DG113610|Kenworth|T370|2014|oO5-8y35
1B7GL22X8WS527664|Kenworth|W900|2012|aY4-7o35
4JGBB75E06A044143|Kenworth|K270E|2011|mC4-4G35
1G8ZS57N87F203073|Peterbilt|367|2017|qO6-6P53
2C3LA63H67H781387|Kenworth|T170|2019|SD8-0C35
5FNYP3H28EB098129|Kenworth|T680|2018|a87-4j53
KMHDH4AE2FU276480|Kenworth|T880|2015|4r2-0i35
1FDKE37S3VHB26425|Kenworth|T370|2013|lq4-1u35
5J8TB4H5XFL010719|Kenworth|W900|2011|kg3-6G53
4T4BE46K38R098862|Peterbilt|367|2012|fl1-4x53
1GCHK23U91F117999|Kenworth|T680|2011|to6-6y63
19XFA1F5XBE087240|Kenworth|W900L|2014|Jk4-8c63
4JGBF7BE5BA602135|Kenworth|T170|2019|2E9-2D63
1D7HU18298S536471|Kenworth|K370E|2009|071-6w63
1GKFK16ZX4J375043|Kenworth|W900|2019|AP9-1e63
3VW7T7AT5DM873833|Kenworth|T370|2016|fk9-1Q36
KNDJE723177340233|Kenworth|T680|2011|3P0-7g36
SALAA25425A337143|Kenworth|T370|2017|m24-6336
1HGCR2F71DA276241|Kenworth|K270E|2019|fR4-4Z36
WAUEFGFF4F1066642|Peterbilt|569|2016|yQ1-7236
1N4AB41DXXC760684|Freightliner|eM2|2015|Lt8-5N36
2FMGK5BC0ABD73600|Peterbilt|520|2013|fv1-1w36
1GNSCBE05DR309007|Kenworth|K270E|2007|aZ0-9I63

1C3EL46X65N505015|Kenworth|T880|2011|uV1-8j36
3N1AB6AP9CL737656|Kenworth|T880|2015|6w4-9c36
4V4JDBRF8TR809309|Peterbilt|367|2011|pY7-0V63
5N1AR2MN5EC639066|Kenworth|W900L|2009|Sh6-4b36
JTDKB20U273296665|Kenworth|T880|2015|Kh0-7x36
KM8JUCAG9FU908109|Kenworth|T170|2019|6h1-6u63
3VWJM71K48M168490|Peterbilt|520|2019|7p0-2n36
1G1ZG57B19F123557|Peterbilt|569|2016|DE8-4936
1G4HP54K014129658|Kenworth|K270E|2019|oY4-2R36
1GNSCCE07BR355358|Kenworth|W900|2019|YM3-1b36
1FAFP10P2XW141576|Peterbilt|367|2017|hl7-6125
2HSCEAXR7YC012070|Peterbilt|569|2016|tj3-0K25
WDBJF65J3YB093912|Kenworth|T880|2006|yC5-7425
KNAFU5A27C5688952|Freightliner|eM2|2013|Yk7-8525
1D7RB1GPXAS185874|Kenworth|T370|2011|GM9-8S25
1N4AA51E09C843514|Kenworth|T680|2011|s41-8e25
2B3HD46Z82H110282|Peterbilt|569|2018|KY2-1H25
4E3AK54FXSE191774|Kenworth|K370E|2014|Kx6-0n25
4S3BG6856W7636770|Kenworth|T370|2017|XL3-3V35
WDBWK73F09F143987|Kenworth|K270E|2013|ub8-4y63
JNKHf14C0MT090653|Peterbilt|569|2012|uA0-5I33
1FTFW1EF5DFA79986|Kenworth|T270|2016|jl5-1445
19XFB2F55DE061070|Kenworth|W900|2015|zG4-3054
1D7HE22K26S555758|Peterbilt|520|2019|687-2254
2FMDK4JC4DBB89814|Kenworth|T170|2019|yc5-7345
1C6RR7LM8ES473782|Kenworth|T370|2014|kN3-1o35
3GSCL33P68S652273|Freightliner|eM2|2015|Xw6-5335

4T1BG22K8YU652783|Peterbilt|569|2016|of8-1I35
 2A4RR5DG9BR730946|Kenworth|T880|2012|w08-4y35
 JTDKB20U977678801|Peterbilt|367|2017|Fn9-6M35
 5NPEB4AC7DH761732|Kenworth|T370|2014|ih7-0P52
 1GBGC24R8XR717525|Kenworth|W900|2015|jw5-9P25
 1FMJU1J57BEF16835|Kenworth|T170|2019|gE6-9w35
 1HGCG5658WA121470|Kenworth|T680|2010|XN4-4J35
 1FMFU20576LA76257|Freightliner|eM2|2012|Fq6-5b53
 JN8AZ1MWXDW321873|Peterbilt|367|2011|Dv1-7V52
 1B3AL56R72N189204|Peterbilt|367|2017|Lw0-5Y5
 WBAVA33557PG84279|Kenworth|W900|2019|XI7-9335
 1VWBH7A34CC000747|Kenworth|T270|2016|0j1-1k35
 4A3AC34G71E114809|Peterbilt|569|2016|mQ6-4r23
 1FCJE39H9LHB90581|Kenworth|K270E|2011|1g6-8153
 5NPEC4AC5BH273745|Peterbilt|520|2013|jn9-2p33

Vehicle Lookup:

V_VIN|V_SERVICE|V_CONDITION

3N1CN7AP7FL826328|REMOVE AND REPLACE CAMEL BACK SUSPENSION|Excellent

3GTU2VEC3EG428370|MADE REPAIRS TO TRUCK-CUSTOMER PROVIDED HOOD WE JUST INSTALLED AND CONNECTED LINES AND LIGHTS.|Good

1VWAP7A38DC019544|BUILD AND INSTALL 20 FOOT FLAT BED..|Excellent

1FTWW31P05ED12447|CUSTOMER TOWED TRAILER TO YARD, REMOVED CYLINDER, REPLACED:TRAILER HARDWARE, LEGS, SCISSORS, TARP SYSTEM, REPAIRED:REAR DOOR THAT WAS COMPLETELY UNALIGNED, HARDWARE FOR THE DOOR, WIRING ON THE TRAILER AND REPLACED LIGHTS, SANDBLASTED AND PAINTED TRAILER|Fair

2G61N5S34D9234666|LABOR TO MAKE WELDING REPAIRS|Excellent

JM1CR293890323205|PICKING UP AND DELIVERING TRUCKS TO THE PORT|Fair

4T4BF1FK0CR295850|WELD CUSTOMER KIT|Good

1G1AS18H097240712|INSTALL PUSHERS ON TRUCK|Fair

1C3EL55R92N382041|MADE REPAIRS TO TRUCK|Excellent

5J6YH28593L059584|TAIL GATE CYLINDER|Good

1GNSCJE09DR285966|ALUMINUM TARP ARM KIT INSTALLED|Excellent

5N1AA0NC2EN603445|Heavy duty Hi-Lift tail gate with dual action hinges.|Excellent

1FTMF1EF8DKG22066|STEAM CLEAN FROM FRONT BUMPER TO END OF FRAME|Excellent

JTNBF3EK9A3098931|Stretch frame to 315" WB center front to center of drive|Good

1GKFK33039R211644|Double frame from the front rear hanger to the end of frame|Excellent

1N6AA07A86N544349|Pintle Hitch includes air lines and light switch|Fair

1GNEC13T64R214542|INSTALL TRAILER PACKAGE ON TRUCK|Excellent

WDBUF87J56X135129|NEW PTO INSTALLED|Good

4USBT33493LS81728|NEW AUTOMATIC PUMP INSTALLED|Fair

2T2GA31U84C045001|REMOVE BEVERAGE BODY OFF TRUCK|Excellent

5XXGM4A75CG006305|SANDBLAST AND PAINT FLAT BED|Good

1G11B5SL4FF178012|PREP CAB FOR PAINT, BUILD NEW BRACKETS AND SUPPORTS, PAINTED CAB VIPER RED|Excellent

3N1AB6AP1AL632607|BUILT AND INSTALLED NEW HEADACHE RACK|Good

2G4WD532651270530|TARP ROLLER ALUMINUM|Excellent

2HGFA165X6H554023|REMOVE AND REPLACE CYLINDER1|Good

1C6RR6GT9ES365442|INSTALL USED BED LINER|Excellent

3MZBM1L73FM114959|REMOVE AND REPLACE TARP|Good

1G1JC6SH2F4127313|INSTALL HYDRAULICS FOR THE PUB|Excellent

3VW7T7AT4DM893975|REMOVE AND REPLACE DUMP BED|Good

2C4RC1CG2CR171436|INSTALL ANTENNA SYSTEM|Excellent

5GZDV03L56D125276|LABOR TO INSTALL KIT|Fair

1J4RR4GG7BC787547|Removable sides; swing gate door|Fair

2HGFB2F59CH525577|Modify Fuel tank to accommodate dump box|Fair
 1N4AL3AP7FN348114|New Cable Shift Pump|Good
 1GCRCPEA9CZ281529|Build and Install new steel battery box|Excellent
 3GCPKSE74DG113610|Convert truck into dual muffler|Good
 1B7GL22X8WS527664|DAY CAB|Fair
 4JGBB75E06A044143|LABOR TO INSTALL KIT|Excellent
 1G8ZS57N87F203073|Removable sides; swing gate door|Good
 2C3LA63H67H781387|New Cable Shift Pump|Excellent
 5FNYP3H28EB098129|Build and Install new steel battery box|Good
 KMHDH4AE2FU276480|Convert truck to dual muffler|Excellent
 1FDKE37S3VHB26425|Base coat/ clear coat|Fair
 5J8TB4H5XFL010719|4 new fuel lines going to fuel tank removed and replaced|Good
 4T4BE46K38R098862|LABOR TO WELD CUSTOMERS DUMP BOX KIT|Excellent
 1GCHK23U91F117999|UPCHARGE FOR HI-LIFT TAIL GATE|Good
 19XFA1F5XBE087240|STRETCH FRAME TO 30"|Excellent
 4JGBF7BE5BA602135|INSTALL USED PUSHER 20K|Good
 1D7HU18298S536471|RAISE 5TH WHEEL, ADD TRACK 30" SMALL RAMP|Excellent
 1GKFK16ZX4J375043|USED WINGS FOR SLEEPER KW|Good
 3VW7T7AT5DM873833|LABOR TO INSTALL KIT|Fair
 KNDJE723177340233|Removable sides; swing gate door|Excellent
 SALAA25425A337143|LABOR TO REPAIR FLOOR ON ALUMINUM BED|Good
 1HGCR2F71DA276241|STRETCH FRAME TO ACCOMMODATE FLATBED|Fair
 WAUEFGFF4F1066642|BUILD AND INSTALL TOOL BOX WITH LOCKABLE T LATCHES|Excellent
 1N4AB41DXXC760684|Paint truck and Paint Fenders to customers specifications.|Fair
 2FMGK5BC0ABD73600|Electric Tarp with heavy duty steel arms.|Good
 1GNSCBE05DR309007|Aluminum side mount tank|Excellent
 1C3EL46X65N505015|REPAIRS ON DUMP BED|Good

3N1AB6AP9CL737656|REMOVE CUSTOMERS FIXED 5TH WHEEL AND SLIDING 5TH WHEEL|Excellent

4V4JDBRF8TR809309|MODIFY MUFFLER|Excellent

5N1AR2MN5EC639066|INSTALL DRIVER SIDE MIRROR ON THE HOOD|Excellent

JTDKB20U273296665|INSTALL PULL PLATE PER CUSTOMER REQUEST|Excellent

KM8JUCAG9FU908109|Ridewell 8,000lb steerable axle installed|Fair

3VWJM71K48M168490|Convert truck into day cab|Good

1G1ZG57B19F123557|Paint day cab truck to customers specification|Fair

1G4HP54K014129658|Remove winch, sandblast and paint cage, accessories, along with frame|Excellent

1GNSCCE07BR355358|Install winch|Good

1FAFP10P2XW141576|Remove fuel tanks, sand, and paint|Good

2HSCEAXR7YC012070|Build Sliding Ramps|Good

WDBJF65J3YB093912|install customers tandem fenders|Good

KNAFU5A27C5688952|built bracket|Fair

1D7RB1GPXAS185874|CABLE, PTO & VALVE CONT, LG 8FT|Excellent

1N4AA51E09C843514|NEW CYLINDER|Good

2B3HD46Z82H110282|NEW CYLINDER|Excellent

4E3AK54FXSE191774|Ridewell 8,000lb steerable axle installed|Fair

4S3BG6856W7636770|17.5 POLISHED ALUM WHEELS|Good

WDBWK73F09F143987|INSTALLED USED PASSENGER SIDE FUEL TANK|Excellent

JNKH14C0MT090653|INSTALLED USED PASSENGER SIDE DOOR PAINTED TO MATCH CAB|Fair

1FTFW1EF5DFA79986|PASSENGER SIDE OF CAB WAS JACK KNIFED, REPAIRED AND PAINT|Good

19XFB2F55DE061070|EZ SWITCH KIT|Excellent

1D7HE22K26S555758|BULLET PROOF SLIM 12V MOTOR, CHROME|Excellent

2FMDK4JC4DBB89814|SWITCH KIT, 6 GA., 40/50 AMP|Fair

1C6RR7LM8ES473782|45 DEG ALUM ELBOW KIT|Good

3GSCL33P68S652273|90 DEG ELBOW|Fair

4T1BG22K8YU652783|Electric Tarp with heavy duty steel arms.|Excellent

2A4RR5DG9BR730946|Paint day cab truck to customers specification.|Fair

JTDKB20U977678801|TAIL GATE CYLINDER|Excellent

5NPEB4AC7DH761732|1003B12339G AIR BAG|Good

1GBGC24R8XR717525|TANKER TRUCK|Excellent

1FMJU1J57BEF16835|PASSENGER FUEL TANK|Fair

1HGCG5658WA121470|POLISH ALL ALUMINUM ON TRUCK|Excellent

1FMFU20576LA76257|BUILD & INSTALL A NEW 12 FOOT PLATFORM BED WITH HEADED RACK, JAIL BARS, LED LIGHTS, 2 WORK LIGHT|Good

JN8AZ1MWXDW321873|BUILD AND INSTALL TOOL BOX WITH LOCKABLE T LATCHES|Excellent

1B3AL56R72N189204|INSTALL TRAILER PACKAGE ON TRUCK|Fair

WBAVA33557PG84279|INSTALL SLIDING 5TH WHEEL PER CUSTOMER REQUEST|Excellent

1VWBH7A34CC000747|Electric Tarp with heavy duty steel arms.|Good

4A3AC34G71E114809|REMOVED CUSTOMERS FLAT BED, EXTENDED FLAT BED, INSTALLED CUSTOMERS EQUIPMENT TO FLAT BED AND SECURED IT|Excellent

1FCJE39H9LHB90581|TOOL BOX INSTALLED|Excellent

5NPEC4AC5BH273745|Electric Tarp with heavy duty steel arms.|Good

Supplier:

SUPPLIER_ID|SUPPLIER_NAME

- 1|Air Liquide
- 2|Black Rose Steel & Trading
- 3|Fruitland Manufacturing
- 4|Ridewell Suspensions
- 5|US Tarp
- 6|Link Manufacturing, Ltd
- 7|Buyers Products Company

8|W&C - Watson & Chalin
9|Airman Products
10|Hendrickson
11|SSAB
12|Anthony Liftgates, Inc
13|Jackrabbit Steel Products, Inc
14|Rush Truck Center - Austin
15|HIAB
16|Dayton Parts, LLC
17|Fleetrite
18|Transwest Trucks
19|United Truck Centers
20|Kyrish Truck Centers

Supplier_Status:

SUPPLIER_ID|ACTIVE_ID|ACTIVE

1|1|ACTIVE
2|2|INACTIVE
3|1|ACTIVE
4|1|ACTIVE
5|2|INACTIVE
6|1|ACTIVE
7|1|ACTIVE
8|2|INACTIVE
9|1|ACTIVE
10|1|ACTIVE
11|1|ACTIVE

12|2|INACTIVE
13|1|ACTIVE
14|1|ACTIVE
15|2|INACTIVE
16|1|ACTIVE
17|1|ACTIVE
18|1|ACTIVE
19|1|ACTIVE
20|2|INACTIVE
21|1|ACTIVE
22|2|INACTIVE
23|2|INACTIVE
24|2|INACTIVE
25|1|ACTIVE
26|1|ACTIVE
27|1|ACTIVE
28|2|INACTIVE
29|1|ACTIVE
30|2|INACTIVE
31|2|INACTIVE
32|1|ACTIVE
33|1|ACTIVE
34|2|INACTIVE
35|2|INACTIVE
36|1|ACTIVE
37|2|INACTIVE
38|2|INACTIVE

39|1|ACTIVE
40|1|ACTIVE
41|2|INACTIVE
42|1|ACTIVE
43|2|INACTIVE
44|2|INACTIVE
45|1|ACTIVE
46|1|ACTIVE
47|2|INACTIVE
48|1|ACTIVE
49|1|ACTIVE
50|1|ACTIVE

Employee:

EMP_ID|EMP_LNAME|EMP_FNAME|EMP_ADDRESS|EMP_HIRE_DATE|EMP_HOURS|EMP_PAY
_RATE|EMP_PHONE|EMP_BANK_INFO|EMP_TAX|EMP_JOB_FUNC

1|Herrera|Martin|1148 Margaret Street Houston, TX
77087|2/19/2009|32|20.00|71384455031|5186330250402639|12|Owner

2|Garcia|Blanca|2284 Del Dew Drive Houston, TX
77001|3/12/2009|30|15.85|2812679191|4916252211927274|12|Office Manager

3|Martinez|Ignacio|2249 Mulberry St. Houston, TX
77060|6/20/2015|29|12.40|2817775681|5557446513021270|10|Welder

4|Castillo|Adrian|7907 Parkglan Dr. Houston, TX
77049|2/22/2010|23|15.00|2816696390|4916505215665178|10|Painter

5|Banegas|Yeison|3520 Poe Rd. Houston, TX
77040|3/4/2012|26|13.30|8329558271|4929527893018715|10|Office Assistant

6|Banegas|Gerson|13155 Woodforest Blvd. Houston, Tx
77015|2/27/2011|25|12.00|7133346111|5372280553215366|10|Welder

7|Barron|Victor|1829 Charles Rd. Houston, TX
77093|5/16/2011|30|13.25|2812442607|4556688416679035|10|Welder

8|Valadez|Hector|13753 Waxahachie St. Houston, TX
77015|11/9/2014|31|13.50|7169230064|4716594616755798|10|Welder

9|Puerto|Pedro|458 Monroe St. Houston, TX
77036|1/3/2012|26|11.20|7134572630|4539274613325979|10|Framework

10|Medina|Pedro|2712 Clousson Rd. Houston, TX
77063|9/11/2016|31|15.00|7132018443|5348804825345288|12|Welder

11|Para|Omar|4273 Shingleton Rd. Houston, TX
77044|2/26/2011|30|14.50|7134101682|5268796617071609|12|Painter

12|Bibriesca|Luis|4746 Werninger St. Houston, TX
77056|3/24/2018|16|10.30|8326847496|5125335864225908|10|Welder

13|Castaneda|Juan|4267 Circle Dr. Houston, TX
77063|8/14/2018|15|10.60|8324650160|4716664197446677|10|Painter

14|Avila|Carlos|12129 Ticonderogard Houston, TX
77044|9/15/2016|29|11.00|2814136024|5586929214331168|10|Welder

15|Carabez|Ricardo|11235 Valley Kings Dr.Houston, TX
77044|6/22/2012|30|13.25|8328783729|4929107931892841|10|Framework

16|Alanis|Roberto|11521 Bannister Ln. Houston, TX
77075|2/25/2015|30|13.00|2818854176|4716346201532243|10|Framework

17|Alanis|Ernesto|2090 Chapel St. Houston, TX
77002|7/18/2019|20|12.20|2816641463|5413103999224175|10|Technician

18|Ramirez|Israel|2416 Firnat St. Houston, TX
77093|1/20/2017|31|14.00|8322790356|5370385762834360|12|Welder

19|Dominguez|Fidencio|14437 Brownsville St. Houston, TX
77015|6/26/2016|25|11.25|2818003641|4556269829377499|10|Framework

20|Juarez|Manuel|12833 Ticonderogard Rd. Houston, TX
77044|2/12/2019|21|9.50|8322029001|4929059134542774|10|Painter

21|Bibriesca|Omar|12914 Ticonderogard Rd. Houston, TX
77044|5/18/2019|20|11.25|7135806884|5250491094260285|10|Painter

22|Alvarez|Luis|1921 Van Buren Circle Pasadena, TX
77502|6/12/2010|32|14.00|8323296323|4556292724856144|12|Welder

23|Hernandez|George|1190 Millrose St. Houston, TX
77040|10/9/2019|17|10.10|7137446443|4929144282287685|10|Painter

24|Torres|Hector|12635 Tidwell Rd. Houston, TX
77044|5/14/2019|25|10.00|2818301165|4532934896358420|10|Painter

Employee_Status:

EMPLOYEE_ID|ACTIVE_ID|ACTIVE

1|1|Active

2|1|Active

3|1|Active

4|1|Active

5|1|Active

6|2|Inactive

7|1|Active

8|1|Active

9|1|Active

10|2|Inactive

11|2|Inactive

12|1|Active

13|1|Active

14|1|Active

15|2|Inactive

16|1|Active

17|1|Active

18|1|Active

19|1|Active

20|2|Inactive

21|2|Inactive

22|2|Inactive

23|2|Inactive

24|1|Active

Kyle Johnson

Report #1 Name: Service Report for active-premium customers

Report Description: Selects premium active customer's information along with their service orders

Business Purpose: Our client could use this report to get a list of the customers that spend the most at their business and see their order and order cost. This can be useful if our client wants to prioritize orders for premium customers.

SQL Code:

```
SELECT
Customer.CUSTOMER_ID AS "Customer ID",
Customer.C_FNAME AS "First Name",
Customer.C_LNAME AS "Last Name",
CUSTOMER_STATUS.ACTIVE AS "Status",
SERVICE_ORDER.SERVICE_ORDER_ID AS "Service",
SERVICE_ORDER.DATE AS "Date",
SERVICE_ORDER.TOTAL_COST AS "Cost"

FROM Customer
JOIN CUSTOMER_STATUS
ON Customer.CUSTOMER_ID = CUSTOMER_STATUS.CUSTOMER_ID
JOIN CUSTOMER_ORDER
ON Customer.CUSTOMER_ID = CUSTOMER_ORDER.CUSTOMER_ID
JOIN SERVICE_ORDER
ON CUSTOMER_ORDER.SERVICE_ORDER_ID = SERVICE_ORDER.SERVICE_ORDER_ID

WHERE CUSTOMER_STATUS.ACTIVE_ID = 3

ORDER BY Customer.CUSTOMER_ID
```

Report/Query Results:

	Customer ID	First Name	Last Name	Status	Service	Date	Cost
1	3	NULL	Melesio	ACTIVE-PREMIUM	3	2021-12-17 00:00:00.000	64.78
2	5	Jaimes	Nieto	ACTIVE-PREMIUM	5	2021-11-15 00:00:00.000	10001.00
3	8	ATC	Chrome	ACTIVE-PREMIUM	8	2021-11-15 00:00:00.000	1000.00
4	11	Circle	V Trucking	ACTIVE-PREMIUM	11	2021-01-08 00:00:00.000	10000.00
5	13	Headway	Oilfield Service	ACTIVE-PREMIUM	13	2021-01-25 00:00:00.000	2750.00
6	16	Kirk	Thomas	ACTIVE-PREMIUM	16	2021-01-15 00:00:00.000	11500.00
7	26	Red	Trucking	ACTIVE-PREMIUM	26	2021-01-30 00:00:00.000	1500.00
8	29	Elite	Landscaping	ACTIVE-PREMIUM	29	2020-02-09 00:00:00.000	200.00
9	41	Cesar	Quinonez	ACTIVE-PREMIUM	41	2020-03-06 00:00:00.000	100.00
10	45	NULL	Anthony	ACTIVE-PREMIUM	45	2020-03-01 00:00:00.000	1350.00
11	47	Hector	Salinas	ACTIVE-PREMIUM	47	2020-05-14 00:00:00.000	850.00

Report #2 Name: Inactive Customer Vehicles

Report Description: This report selects the inactive and premium inactive customers as well as their vehicle information

Business Purpose: Our client can use this report to assist in showing inactive customers as well as their vehicles in order to let our client know which customer and vehicle data might need to be moved into a long term storage that wouldn't need to be accessed as often

SQL Code:

```
SELECT
Customer.CUSTOMER_ID AS "Customer ID",
Customer.C_FNAME AS "First Name",
Customer.C_LNAME AS "Last Name",
CUSTOMER_STATUS.ACTIVE AS "Status",
CUSTOMER_VEHICLE.V_VIN AS "Vin",
VEHICLE.V_MAKE AS "Make",
VEHICLE.V_YEAR AS "Year",
VEHICLE.V_LISCENSE_PLATE AS "License Plate"

FROM Customer
JOIN CUSTOMER_STATUS
ON Customer.CUSTOMER_ID = CUSTOMER_STATUS.CUSTOMER_ID
JOIN CUSTOMER_VEHICLE
ON Customer.CUSTOMER_ID = CUSTOMER_VEHICLE.CUSTOMER_ID
JOIN VEHICLE
ON CUSTOMER_VEHICLE.V_VIN = VEHICLE.V_VIN

WHERE CUSTOMER_STATUS.C_ACTIVE = 2 OR CUSTOMER_STATUS.C_ACTIVE = 4

ORDER BY CUSTOMER_STATUS.C_ACTIVE, Customer.CUSTOMER_ID
```

Report/Query Results:

	Customer ID	First Name	Last Name	Status	Vin	Make	Year	License Plate
1	2	NULL	Cowgirl	INACTIVE	3GTU2VEC3EG428370	Peterbilt	2011	L32-642z
2	7	E	Jachon	INACTIVE	4T4BF1FK0CR295850	Kenworth	2019	lp7-4z52
3	10	Joseph	Stair	INACTIVE	5J6YH28593L059584	Peterbilt	2019	R74-7r25
4	15	Mariano	Ramirez Saldana	INACTIVE	1GKFK33039R211644	Peterbilt	2012	BL6-8x25
5	25	NULL	Rush	INACTIVE	2HGFA165X6H554023	Peterbilt	2011	v22-2N35
6	28	Carlos	Arebalo	INACTIVE	1G1JC6SH2F4127313	Peterbilt	2019	Sw7-1F35
7	31	Fredy	Agrueta	INACTIVE	5GZDV03L56D125276	Peterbilt	2019	VX8-4A53
8	32	R & A	Transport	INACTIVE	1J4RR4GG7BC787547	Peterbilt	2011	Hf3-6b35
9	33	NULL	Holt	INACTIVE	2HGFB2F59CH525577	Peterbilt	2019	ni6-4e35
10	36	Gaston	Raggio	INACTIVE	3GCPKSE74DG113610	Kenworth	2014	oO5-8y35
11	38	Jason	Hronek	INACTIVE	4JGBB75E06A044143	Kenworth	2011	mC4-4G35
12	40	Parody	Trucking	INACTIVE	2C3LA63H67H781387	Kenworth	2019	SD8-0C35
13	44	NULL	Ted	INACTIVE	5J8TB4H5XFL010719	Kenworth	2011	kg3-6G53
14	46	Harold	Picton	INACTIVE	1GCHK23U91F117999	Kenworth	2011	to6-6y63
15	50	E	Vasquez	INACTIVE	1GKFK16ZX4J375043	Kenworth	2019	AP9-1e63
16	4	Ernesto	Garcia	INACTIVE-PREMIUM	1FTWW31P05ED12447	Peterbilt	2010	Of1-8H12
17	6	Mid	County Land	INACTIVE-PREMIUM	JM1CR293890323205	Kenworth	2012	DX6-1D24
18	12	NULL	Rush	INACTIVE-PREMIUM	5N1AA0NC2EN603445	Kenworth	2020	AG5-4325
19	14	Paul	Stroup	INACTIVE-PREMIUM	JTNBF3EK9A3098931	Kenworth	2017	oy5-8L25

Report #3 Name: Long Term Inactive Services

Report Description: This report selects services that have been completed for over a year.

Business Purpose: This report would be useful to our client because they would easily be able to select and view services that have been completed for a long period of time. Our client might want to use this to find service data that is no longer needed to be stored in this database if storage space is getting low.

SQL Code:

```
SELECT
SERVICE.SERVICE_ID AS "Service ID",
SERVICE.SERVICE_TYPE AS "Service Type",
SERVICE.DATE_START AS "Start Date",
SERVICE.DATE_END AS "End Date",
SERVICE.COST AS "Cost",
SERVICE_STATUS.ACTIVE AS "Status"

FROM SERVICE
JOIN SERVICE_STATUS
ON SERVICE.SERVICE_ID = SERVICE_STATUS.SERVICE_ID

WHERE SERVICE_STATUS.ACTIVE_ID = 1 AND SERVICE.DATE_END < DATEADD(YEAR,
-1, GETDATE())

ORDER BY SERVICE.SERVICE_ID
```

Report/Query Results:

	Service ID	Service Type	Start Date	End Date	Cost	Status
1	27	SLEEPER MODIFICATIONS/REPAIRS	2020-02-01 00:00:00.000	2020-02-15 00:00:00.000	3000.00	Inactive
2	28	STAKE BED:20-25' STAKE BED W/O HOIST	2020-02-01 00:00:00.000	2020-02-14 00:00:00.000	384.00	Inactive
3	29	Fuel Tank	2020-02-01 00:00:00.000	2020-02-09 00:00:00.000	200.00	Inactive
4	30	BATTERY BOX	2020-02-01 00:00:00.000	2020-02-14 00:00:00.000	2650.00	Inactive
5	31	Paint Truck	2020-02-02 00:00:00.000	2020-02-02 00:00:00.000	2434.00	Inactive
6	32	REPAIRS	2020-02-07 00:00:00.000	2020-02-20 00:00:00.000	5500.00	Inactive
7	33	STRETCH:UP TO 2'	2020-02-07 00:00:00.000	2020-03-21 00:00:00.000	2000.00	Inactive
8	34	Paint Truck	2020-02-08 00:00:00.000	2020-02-08 00:00:00.000	5400.00	Inactive
9	35	REPAIRS	2020-02-12 00:00:00.000	2020-02-12 00:00:00.000	600.00	Inactive
10	36	FREIGHT CHARGES	2020-02-15 00:00:00.000	2020-02-15 00:00:00.000	9500.00	Inactive
11	37	STAKE BED:NO LIFT 24'	2020-02-21 00:00:00.000	2020-02-21 00:00:00.000	1500.00	Inactive
12	38	STRETCH:UP TO 2'	2020-02-21 00:00:00.000	2020-02-21 00:00:00.000	500.00	Inactive
13	39	TOOL BOX	2020-02-21 00:00:00.000	2020-02-28 00:00:00.000	385.00	Inactive
14	41	Boxes:Semi-Round:15'-16' Semi-Round	2020-02-22 00:00:00.000	2020-03-06 00:00:00.000	100.00	Inactive
15	42	HI-LIFT	2020-02-26 00:00:00.000	2020-02-28 00:00:00.000	10500...	Inactive
16	43	Electric Tarp-Steel Arms	2020-02-27 00:00:00.000	2020-02-27 00:00:00.000	850.00	Inactive
17	45	Boxes:Square Box:15'-16' Square	2020-03-01 00:00:00.000	2020-03-01 00:00:00.000	1350.00	Inactive
18	46	Electric Tarp-Steel Arms	2020-03-05 00:00:00.000	2020-03-05 00:00:00.000	10500...	Inactive
19	50	TIRE 235 17.5 CONTINENTAL	2020-03-12 00:00:00.000	2020-03-15 00:00:00.000	1350.00	Inactive
20	51	FREIGHT CHARGES	2020-03-13 00:00:00.000	2020-03-13 00:00:00.000	475.00	Inactive
21	52	Boxes:Semi-Round:13'-14' Semi-Round	2020-03-14 00:00:00.000	2020-03-14 00:00:00.000	3000.00	Inactive
22	53	Hot Shift Pto	2020-03-15 00:00:00.000	2020-03-20 00:00:00.000	1000.00	Inactive
23	56	TARP 16X7	2020-03-20 00:00:00.000	2020-03-22 00:00:00.000	12500...	Inactive
24	60	SHORTEN FRAME	2020-03-22 00:00:00.000	2020-03-22 00:00:00.000	750.00	Inactive
25	66	Electric Tarp-Steel Arms	2019-04-02 00:00:00.000	2019-04-02 00:00:00.000	1000.00	Inactive
26	67	Paint Truck	2019-04-02 00:00:00.000	2019-04-03 00:00:00.000	100.00	Inactive
27	68	Boxes:Square Box:13'-14' Square	2019-04-02 00:00:00.000	2019-04-02 00:00:00.000	400.00	Inactive
28	69	Electric Tarp-Steel Arms	2019-04-03 00:00:00.000	2019-04-03 00:00:00.000	850.00	Inactive
29	70	Pintle Hitch	2019-04-03 00:00:00.000	2019-04-09 00:00:00.000	150.00	Inactive
30	71	STAKE BED:10-15' STAKE BED	2019-04-03 00:00:00.000	2019-04-03 00:00:00.000	4000.00	Inactive
31	72	Pintle Hitch	2019-04-05 00:00:00.000	2019-04-10 00:00:00.000	800.00	Inactive
32	73	TOOL BOX	2019-04-05 00:00:00.000	2019-04-05 00:00:00.000	11500...	Inactive
33	74	SHORTEN FRAME	2019-11-05 00:00:00.000	2019-11-15 00:00:00.000	800.00	Inactive
34	75	TRAILER PACKAGE	2019-11-05 00:00:00.000	2019-11-15 00:00:00.000	750.00	Inactive
35	76	Remove Sleeper	2019-11-05 00:00:00.000	2019-11-15 00:00:00.000	700.00	Inactive
36	77	Boxes:DEMOLITION:15-17 DEMO	2019-11-05 00:00:00.000	2019-11-15 00:00:00.000	300.00	Inactive
37	78	Paint Truck	2019-04-10 00:00:00.000	2019-04-10 00:00:00.000	470.00	Inactive
38	79	Paint Fenders	2019-04-11 00:00:00.000	2019-04-11 00:00:00.000	150.00	Inactive
39	80	FRONT BUMPER	2018-04-13 00:00:00.000	2018-04-30 00:00:00.000	1800.00	Inactive
40	81	TRAILER PACKAGE	2018-04-13 00:00:00.000	2018-04-26 00:00:00.000	500.00	Inactive

41	82	Boxes:Square Box:13'-14' Square	2018-04-16 00:00:00.000	2018-04-16 00:00:00.000	500.00	Inactive
42	84	Boxes:DEMOLITION:15-17 DEMO	2018-04-16 00:00:00.000	2018-04-17 00:00:00.000	1500.00	Inactive
43	85	Excise Tax	2018-04-16 00:00:00.000	2018-04-26 00:00:00.000	150.00	Inactive
44	86	Electric Tarp-Steel Arms	2018-04-17 00:00:00.000	2018-04-26 00:00:00.000	460.00	Inactive
45	87	STRETCH	2018-04-17 00:00:00.000	2018-06-28 00:00:00.000	2000.00	Inactive
46	88	Double Frame	2018-04-18 00:00:00.000	2018-04-18 00:00:00.000	2200.00	Inactive
47	89	Ridewell Axle:Axle Kit	2018-04-19 00:00:00.000	2018-04-26 00:00:00.000	1000.00	Inactive
48	90	Ridewell Axle:8,000 LB Steerable	2018-04-19 00:00:00.000	2018-04-19 00:00:00.000	1000.00	Inactive
49	91	REPAIRS	2018-04-19 00:00:00.000	2018-04-30 00:00:00.000	200.00	Inactive
50	92	REPAIRS	2018-04-19 00:00:00.000	2018-04-19 00:00:00.000	100.00	Inactive
51	93	ELECTRIC BRAKE CONTROL INSTALL	2018-04-19 00:00:00.000	2018-05-10 00:00:00.000	1350.00	Inactive
52	94	REPAIRS	2018-04-19 00:00:00.000	2018-04-24 00:00:00.000	300.00	Inactive
53	95	Sandblast Frame	2018-04-20 00:00:00.000	2018-04-26 00:00:00.000	1300.00	Inactive
54	96	REPAIRS	2018-04-23 00:00:00.000	2018-04-23 00:00:00.000	400.00	Inactive
55	97	Boxes:Square Box	2018-04-23 00:00:00.000	2018-04-30 00:00:00.000	790.00	Inactive
56	98	REPAIRS	2018-04-28 00:00:00.000	2018-04-30 00:00:00.000	150.00	Inactive
57	99	ALUMINUM WHEELS:17.5 POLISHED AL...	2018-04-30 00:00:00.000	2018-01-28 00:00:00.000	8000.00	Inactive
58	100	Boxes:DEMOLITION:15-17 DEMO	2018-05-01 00:00:00.000	2018-05-08 00:00:00.000	3700.00	Inactive
59	101	Alum. Tarp Arm Kit	2018-05-01 00:00:00.000	2018-05-30 00:00:00.000	300.00	Inactive
60	102	COAL SHOOT	2018-05-02 00:00:00.000	2018-05-02 00:00:00.000	1100.00	Inactive
61	103	BODY UP INDICATOR KIT	2018-05-02 00:00:00.000	2018-05-03 00:00:00.000	11500...	Inactive
62	104	HI-LIFT	2018-05-02 00:00:00.000	2018-05-02 00:00:00.000	1800.00	Inactive
63	105	Ridewell Axle:Steerable Axle	2018-05-02 00:00:00.000	2018-05-02 00:00:00.000	750.00	Inactive
64	106	TIRE 11R 22.5	2018-05-02 00:00:00.000	2018-05-10 00:00:00.000	500.00	Inactive
65	107	ALUMINUM WHEELS	2018-11-05 00:00:00.000	2018-11-15 00:00:00.000	400.00	Inactive
66	108	Diamond Plate on box	2018-11-05 00:00:00.000	2018-01-28 00:00:00.000	3000.00	Inactive
67	109	REPAIRS	2018-11-05 00:00:00.000	2018-11-15 00:00:00.000	9500.00	Inactive

Report #4 Name: Customer Vehicles by State

Report Description: Selects customer vehicle information and sorts it by customer state

Business Purpose: This can be used by our client to sort customers and their vehicles by the state that they operate in. This can be useful to show the amount of people that operate in certain states and potentially help in the future when our client comes across potential state violations.

SQL Code:

```
SELECT
Customer.CUSTOMER_ID AS "Customer ID",
Customer.C_FNAME AS "First Name",
Customer.C_LNAME AS "Last Name",
STATE.STATE_NAME AS "STATE",
CUSTOMER_VEHICLE.V_VIN AS "VIN",
VEHICLE.V_MAKE AS "Make",
VEHICLE.V_YEAR AS "Year",
VEHICLE.V_LICENSE_PLATE AS "License Plate"

FROM Customer
JOIN CUSTOMER_CONTACT_INFO
ON Customer.CUSTOMER_ID = CUSTOMER_CONTACT_INFO.CUSTOMER_ID
JOIN CUSTOMER_VEHICLE
ON Customer.CUSTOMER_ID = CUSTOMER_VEHICLE.CUSTOMER_ID
JOIN VEHICLE
ON CUSTOMER_VEHICLE.V_VIN = VEHICLE.V_VIN

ORDER BY CUSTOMER_CONTACT_INFO.STATE_NAME, Customer.CUSTOMER_ID
```


Report/Query Results:

	Customer ID	First Name	Last Name	State	VIN	Make	Year	License Plate
1	1	Best	American	Texas	3N1CN7AP7FL826328	Ford	2007	L34-300T
2	2	NULL	Cowgirl	Texas	3GTU2VEC3EG428370	Peterbilt	2011	L32-642z
3	3	NULL	Melesio	Texas	1VWAP7A38DC019544	Peterbilt	2014	5N7-1K42
4	4	Ernesto	Garcia	Texas	1FTWW31P05ED12447	Peterbilt	2010	Of1-8H12
5	5	Jaimes	Nieto	Texas	2G61N5S34D9234666	Kenworth	2009	7U7-6b21
6	6	Mid	County Land	Texas	JM1CR293890323205	Kenworth	2012	DX6-1D24
7	7	E	Jachon	Texas	4T4BF1FK0CR295850	Kenworth	2019	lp7-4z52
8	8	ATC	Chrome	Texas	1G1AS18H097240712	Peterbilt	2011	cb0-2r35
9	9	John	Molina	Texas	1C3EL55R92N382041	Kenworth	2010	A77-9525
10	10	Joseph	Stair	Texas	5J6YH28593L059584	Peterbilt	2019	R74-7r25
11	11	Circle	V Trucking	Texas	1GNSCJE09DR285966	Kenworth	2011	p58-8g25
12	12	NULL	Rush	Texas	5N1AA0NC2EN603445	Kenworth	2020	AG5-4325
13	13	Headway	Oilfield Service	Texas	1FTMF1EF8DKG22066	Peterbilt	2011	xs9-7825
14	14	Paul	Stroup	Texas	JTNBF3EK9A3098931	Kenworth	2017	oy5-8L25
15	15	Mariano	Ramirez Saldana	Texas	1GKFK33039R211644	Peterbilt	2012	BL6-8x25
16	16	Kirk	Thomas	Texas	1N6AA07A86N544349	Peterbilt	2015	Vp8-7y25
17	17	Performa...	Truck of Houst...	Texas	1GNEC13T64R214542	Kenworth	2013	Hk2-3325
18	18	John	D	Texas	WDBUF87J56X135129	Kenworth	2015	FC9-2e35
19	19	Jag	Trucking	Texas	4USBT33493LS81728	Kenworth	2012	DT8-8o35
20	20	Ramos	Rigoberto	Texas	2T2GA31U84C045001	Kenworth	2009	N24-6N35
21	21	Oscar	Murica	Texas	5XXGM4A75CG006305	Kenworth	2010	KP7-9u35
22	22	NULL	Rush	Texas	1G11B5SL4FF178012	Peterbilt	2016	l33-3p35
23	23	Bernardino	Lopez	Texas	3N1AB6AP1AL632607	Kenworth	2012	hD2-9r35
24	24	NULL	Larret	Texas	2G4WD532651270530	Freightli...	2016	Bq0-3j35
25	25	NULL	Rush	Texas	2HGFA165X6H554023	Peterbilt	2011	v22-2N35

Tables

Table 1
CUSTOMER_STATUS

CUSTOMER_ID	ACTIVE_ID	ACTIVE
1	1	ACTIVE
2	4	INACTIVE-PREMIUM
3	3	ACTIVE-PREMIUM
4	3	ACTIVE-PREMIUM
5	3	ACTIVE-PREMIUM
6	3	ACTIVE-PREMIUM
7	3	ACTIVE-PREMIUM
8	3	ACTIVE-PREMIUM
9	3	ACTIVE-PREMIUM
10	4	INACTIVE-PREMIUM
11	3	ACTIVE-PREMIUM
12	4	INACTIVE-PREMIUM
13	4	INACTIVE-PREMIUM
14	4	INACTIVE-PREMIUM
15	4	INACTIVE-PREMIUM
16	4	INACTIVE-PREMIUM
17	4	INACTIVE-PREMIUM
18	4	INACTIVE-PREMIUM
19	4	INACTIVE-PREMIUM
20	3	ACTIVE-PREMIUM
21	4	INACTIVE-PREMIUM
22	4	INACTIVE-PREMIUM
23	4	INACTIVE-PREMIUM
24	4	INACTIVE-PREMIUM
25	1	ACTIVE
26	2	INACTIVE
27	2	INACTIVE
28	2	INACTIVE
29	2	INACTIVE
30	2	INACTIVE
31	2	INACTIVE
32	2	INACTIVE
33	2	INACTIVE
34	2	INACTIVE
35	2	INACTIVE
36	2	INACTIVE
37	2	INACTIVE
38	2	INACTIVE
39	2	INACTIVE
40	2	INACTIVE
41	2	INACTIVE

42|2|INACTIVE
43|2|INACTIVE
44|2|INACTIVE
45|2|INACTIVE
46|2|INACTIVE
47|2|INACTIVE
48|2|INACTIVE
49|2|INACTIVE
50|2|INACTIVE
51|2|INACTIVE
52|2|INACTIVE
53|2|INACTIVE
54|2|INACTIVE
55|2|INACTIVE
56|2|INACTIVE
57|2|INACTIVE
58|2|INACTIVE
59|2|INACTIVE
60|2|INACTIVE
61|2|INACTIVE
62|2|INACTIVE
63|2|INACTIVE
64|2|INACTIVE
65|2|INACTIVE
66|2|INACTIVE
67|2|INACTIVE
68|2|INACTIVE
69|2|INACTIVE
70|2|INACTIVE
71|2|INACTIVE
72|2|INACTIVE
73|2|INACTIVE
74|2|INACTIVE
75|2|INACTIVE
76|2|INACTIVE
77|2|INACTIVE
78|2|INACTIVE
79|2|INACTIVE
80|2|INACTIVE
81|2|INACTIVE
82|2|INACTIVE
83|2|INACTIVE
84|2|INACTIVE
85|2|INACTIVE
86|2|INACTIVE
87|2|INACTIVE

88	2	INACTIVE
89	2	INACTIVE
90	2	INACTIVE
91	2	INACTIVE
92	2	INACTIVE
93	2	INACTIVE
94	2	INACTIVE
95	2	INACTIVE
96	2	INACTIVE
97	2	INACTIVE
98	2	INACTIVE
99	2	INACTIVE
100	2	INACTIVE

Table 2
SUPPLIER_STATUS

SUPPLIER_ID	ACTIVE_ID	ACTIVE
1	1	ACTIVE
2	2	INACTIVE
3	1	ACTIVE
4	1	ACTIVE
5	2	INACTIVE
6	1	ACTIVE
7	1	ACTIVE
8	2	INACTIVE
9	1	ACTIVE
10	1	ACTIVE
11	1	ACTIVE
12	2	INACTIVE
13	1	ACTIVE
14	1	ACTIVE
15	2	INACTIVE
16	1	ACTIVE
17	1	ACTIVE
18	1	ACTIVE
19	1	ACTIVE
20	2	INACTIVE
21	1	ACTIVE
22	2	INACTIVE
23	2	INACTIVE
24	2	INACTIVE
25	1	ACTIVE
26	1	ACTIVE
27	1	ACTIVE
28	2	INACTIVE

29|1|ACTIVE
 30|2|INACTIVE
 31|2|INACTIVE
 32|1|ACTIVE
 33|1|ACTIVE
 34|2|INACTIVE
 35|2|INACTIVE
 36|1|ACTIVE
 37|2|INACTIVE
 38|2|INACTIVE
 39|1|ACTIVE
 40|1|ACTIVE
 41|2|INACTIVE
 42|1|ACTIVE
 43|2|INACTIVE
 44|2|INACTIVE
 45|1|ACTIVE
 46|1|ACTIVE
 47|2|INACTIVE
 48|1|ACTIVE
 49|1|ACTIVE
 50|1|ACTIVE

Table 3
VEHICLE

V_VIN	V_MAKE	V_MODEL	V_YEAR	V_LICENSE_PLATE
3N1CN7AP7FL826328	Ford	LCF	2007	L34-300T
3GTU2VEC3EG428370	Peterbilt	389	2011	L32-642z
1VWAP7A38DC019544	Peterbilt	579	2014	5N7-1K42
1FTWW31P05ED12447	Peterbilt	365	2010	Of1-8H12
2G61N5S34D9234666	Kenworth	W900	2009	7U7-6b21
JM1CR293890323205	Kenworth	T880	2012	DX6-1D24
4T4BF1FK0CR295850	Kenworth	W900L	2019	Ip7-4z52
1G1AS18H097240712	Peterbilt	367	2011	cb0-2r35
1C3EL55R92N382041	Kenworth	T680	2010	A77-9525
5J6YH28593L059584	Peterbilt	520	2019	R74-7r25
1GNJCJE09DR285966	Kenworth	T880	2011	p58-8g25
5N1AA0NC2EN603445	Kenworth	W900L	2020	AG5-4325
1FTMF1EF8DKG22066	Peterbilt	365	2011	xs9-7825
JTNBF3EK9A3098931	Kenworth	W900L	2017	oy5-8L25
1GKFK33039R211644	Peterbilt	520	2012	BL6-8x25
1N6AA07A86N544349	Peterbilt	367	2015	Vp8-7y25
1GNEC13T64R214542	Kenworth	T880	2013	Hk2-3325
WDBUF87J56X135129	Kenworth	T170	2015	FC9-2e35
4USBT33493LS81728	Kenworth	T270	2012	DT8-8o35

2T2GA31U84C045001|Kenworth|T370|2009|N24-6N35
 5XXGM4A75CG006305|Kenworth|K270E|2010|KP7-9u35
 1G11B5SL4FF178012|Peterbilt|569|2016|l33-3p35
 3N1AB6AP1AL632607|Kenworth|K370E|2012|hD2-9r35
 2G4WD532651270530|Freightliner|eM2|2016|Bq0-3j35
 2HGFA165X6H554023|Peterbilt|367|2011|v22-2N35
 1C6RR6GT9ES365442|Kenworth|T680|2020|AO9-7e35
 3MZBM1L73FM114959|Kenworth|K370E|2020|LQ8-2e35
 1G1JC6SH2F4127313|Peterbilt|520|2019|Sw7-1F35
 3VW7T7AT4DM893975|Kenworth|T370|2009|YG8-9E35
 2C4RC1CG2CR171436|Kenworth|T880|2014|d57-6z35
 5GZDV03L56D125276|Peterbilt|520|2019|VX8-4A53
 1J4RR4GG7BC787547|Peterbilt|367|2011|hf3-6b35
 2HGFB2F59CH525577|Peterbilt|569|2019|ni6-4e35
 1N4AL3AP7FN348114|Kenworth|T880|2010|V86-2w35
 1GCRCPEA9CZ281529|Kenworth|W900L|2009|tq7-7m35
 3GCPKSE74DG113610|Kenworth|T370|2014|oO5-8y35
 1B7GL22X8WS527664|Kenworth|W900|2012|aY4-7o35
 4JGBB75E06A044143|Kenworth|K270E|2011|mC4-4G35
 1G8ZS57N87F203073|Peterbilt|367|2017|qO6-6P53
 2C3LA63H67H781387|Kenworth|T170|2019|SD8-0C35
 5FNYP3H28EB098129|Kenworth|T680|2018|a87-4j53
 KMHDH4AE2FU276480|Kenworth|T880|2015|4r2-0i35
 1FDKE37S3VHB26425|Kenworth|T370|2013|lq4-1u35
 5J8TB4H5XFL010719|Kenworth|W900|2011|kg3-6G53
 4T4BE46K38R098862|Peterbilt|367|2012|fl1-4x53
 1GCHK23U91F117999|Kenworth|T680|2011|to6-6y63
 19XFA1F5XBE087240|Kenworth|W900L|2014|Jk4-8c63
 4JGBF7BE5BA602135|Kenworth|T170|2019|2E9-2D63
 1D7HU18298S536471|Kenworth|K370E|2009|071-6w63
 1GKFK16ZX4J375043|Kenworth|W900|2019|AP9-1e63
 3VW7T7AT5DM873833|Kenworth|T370|2016|fk9-1Q36
 KNDJE723177340233|Kenworth|T680|2011|3P0-7g36
 SALAA25425A337143|Kenworth|T370|2017|m24-6336
 1HGCR2F71DA276241|Kenworth|K270E|2019|fR4-4Z36
 WAUEFGFF4F1066642|Peterbilt|569|2016|yQ1-7236
 1N4AB41DXXC760684|Freightliner|eM2|2015|Lt8-5N36
 2FMGK5BC0ABD73600|Peterbilt|520|2013|fv1-1w36
 1GNSCBE05DR309007|Kenworth|K270E|2007|aZ0-9I63
 1C3EL46X65N505015|Kenworth|T880|2011|uV1-8j36
 3N1AB6AP9CL737656|Kenworth|T880|2015|6w4-9c36
 4V4JDBRF8TR809309|Peterbilt|367|2011|pY7-0V63
 5N1AR2MN5EC639066|Kenworth|W900L|2009|Sh6-4b36
 JTDKB20U273296665|Kenworth|T880|2015|Kh0-7x36
 KM8JUCAG9FU908109|Kenworth|T170|2019|6h1-6u63
 3VWJM71K48M168490|Peterbilt|520|2019|7p0-2n36

1G1ZG57B19F123557|Peterbilt|569|2016|DE8-4936
 1G4HP54K014129658|Kenworth|K270E|2019|oY4-2R36
 1GNSCCE07BR355358|Kenworth|W900|2019|YM3-1b36
 1FAFP10P2XW141576|Peterbilt|367|2017|hl7-6125
 2HSCEAXR7YC012070|Peterbilt|569|2016|tj3-0K25
 WDBJF65J3YB093912|Kenworth|T880|2006|yC5-7425
 KNAFU5A27C5688952|Freightliner|eM2|2013|Yk7-8525
 1D7RB1GPXAS185874|Kenworth|T370|2011|GM9-8S25
 1N4AA51E09C843514|Kenworth|T680|2011|s41-8e25
 2B3HD46Z82H110282|Peterbilt|569|2018|KY2-1H25
 4E3AK54FXSE191774|Kenworth|K370E|2014|Kx6-0n25
 4S3BG6856W7636770|Kenworth|T370|2017|XL3-3V35
 WDBWK73F09F143987|Kenworth|K270E|2013|ub8-4y63
 JNKHf14C0MT090653|Peterbilt|569|2012|uA0-5I33
 1FTFW1EF5DFA79986|Kenworth|T270|2016|jI5-1445
 19XFB2F55DE061070|Kenworth|W900|2015|zG4-3054
 1D7HE22K26S555758|Peterbilt|520|2019|687-2254
 2FMDK4JC4DBB89814|Kenworth|T170|2019|yc5-7345
 1C6RR7LM8ES473782|Kenworth|T370|2014|kN3-1o35
 3GSCL33P68S652273|Freightliner|eM2|2015|Xw6-5335
 4T1BG22K8YU652783|Peterbilt|569|2016|of8-1I35
 2A4RR5DG9BR730946|Kenworth|T880|2012|w08-4y35
 JTDKB20U977678801|Peterbilt|367|2017|Fn9-6M35
 5NPEB4AC7DH761732|Kenworth|T370|2014|ih7-0P52
 1GBGC24R8XR717525|Kenworth|W900|2015|jw5-9P25
 1FMJU1J57BEF16835|Kenworth|T170|2019|gE6-9w35
 1HGCG5658WA121470|Kenworth|T680|2010|XN4-4J35
 1FMFU20576LA76257|Freightliner|eM2|2012|Fq6-5b53
 JN8AZ1MWXDW321873|Peterbilt|367|2011|Dv1-7V52
 1B3AL56R72N189204|Peterbilt|367|2017|Lw0-5Y5
 WBAVA33557PG84279|Kenworth|W900|2019|XI7-9335
 1VWBH7A34CC000747|Kenworth|T270|2016|0j1-1k35
 4A3AC34G71E114809|Peterbilt|569|2016|mQ6-4r23
 1FCJE39H9LHB90581|Kenworth|K270E|2011|lg6-8153
 5NPEC4AC5BH273745|Peterbilt|520|2013|jn9-2p33

Table 4
VEHICLE_SERVICE

SERVICE_ID|V_VIN
 1|3N1CN7AP7FL826328
 2|3GTU2VEC3EG428370
 3|1VWAP7A38DC019544
 4|1FTWW31P05ED12447
 5|2G61N5S34D9234666
 6|JM1CR293890323205

7|4T4BF1FK0CR295850
8|1G1AS18H097240712
9|1C3EL55R92N382041
10|5J6YH28593L059584
11|1GNSCJE09DR285966
12|5N1AA0NC2EN603445
13|1FTMF1EF8DKG22066
14|JTNBF3EK9A3098931
15|1GKFK33039R211644
16|1N6AA07A86N544349
17|1GNEC13T64R214542
18|WDBUF87J56X135129
19|4USBT33493LS81728
20|2T2GA31U84C045001
21|5XXGM4A75CG006305
22|1G11B5SL4FF178012
23|3N1AB6AP1AL632607
24|2G4WD532651270530
25|2HGFA165X6H554023
26|1C6RR6GT9ES365442
27|3MZBM1L73FM114959
28|1G1JC6SH2F4127313
29|3VW7T7AT4DM893975
30|2C4RC1CG2CR171436
31|5GZDV03L56D125276
32|1J4RR4GG7BC787547
33|2HGFB2F59CH525577
34|1N4AL3AP7FN348114
35|1GCRCPEA9CZ281529
36|3GCPKSE74DG113610
37|1B7GL22X8WS527664
38|4JGBB75E06A044143
39|1G8ZS57N87F203073
40|2C3LA63H67H781387
41|5FNYP3H28EB098129
42|KMHDH4AE2FU276480
43|1FDKE37S3VHB26425
44|5J8TB4H5XFL010719
45|4T4BE46K38R098862
46|1GCHK23U91F117999
47|19XFA1F5XBE087240
48|4JGBF7BE5BA602135
49|1D7HU18298S536471
50|1GKFK16ZX4J375043
51|3VW7T7AT5DM873833
52|KNDJE723177340233

53|SALAA25425A337143
54|1HGCR2F71DA276241
55|WAUEFGFF4F1066642
56|1N4AB41DXXC760684
57|2FMGK5BC0ABD73600
58|1GNSCBE05DR309007
59|1C3EL46X65N505015
60|3N1AB6AP9CL737656
61|4V4JDBRF8TR809309
62|5N1AR2MN5EC639066
63|JTDKB20U273296665
64|KM8JUCAG9FU908109
65|3VWJM71K48M168490
66|1G1ZG57B19F123557
67|1G4HP54K014129658
68|1GNSCCE07BR355358
69|1FAFP10P2XW141576
70|2HSCEAXR7YC012070
71|WDBJF65J3YB093912
72|KNAFU5A27C5688952
73|1D7RB1GPXAS185874
74|1N4AA51E09C843514
75|2B3HD46Z82H110282
76|4E3AK54FXSE191774
77|4S3BG6856W7636770
78|WDBWK73F09F143987
79|JNKHf14C0MT090653
80|1FTFW1EF5DFA79986
81|19XFB2F55DE061070
82|1D7HE22K26S555758
83|2FMDK4JC4DBB89814
84|1C6RR7LM8ES473782
85|3GSCL33P68S652273
86|4T1BG22K8YU652783
87|2A4RR5DG9BR730946
88|JTDKB20U977678801
89|5NPEB4AC7DH761732
90|1GBGC24R8XR717525
91|1FMJU1J57BEF16835
92|1HGCG5658WA121470
93|1FMFU20576LA76257
94|JN8AZ1MWXDW321873
95|1B3AL56R72N189204
96|WBAVA33557PG84279
97|1VWBH7A34CC000747
98|4A3AC34G71E114809

99|1FCJE39H9LHB90581
100|5NPEC4AC5BH273745

Zach Kurtubi

Zachary Kurtubi

Business Report: Vehicle Service Report

Report Description: Report showing the vehicle and their service requested.

Business Purpose: Keeping track of what vehicle is having a specific work done on them.

SQL CODE

```
SELECT
VEHICLE.V_VIN AS "Vehicle Vin",
CUSTOMER.C_FNAME AS "First Name",
CUSTOMER.C_LNAME AS "Last Name",
SERVICE.SERVICE_ID AS "Service ID",
SERVICE.SERVICE_TYPE AS "Service Type",
SERVICE_STATUS.ACTIVE AS "Service Status"

FROM VEHICLE
JOIN VEHICLE_SERVICE
ON VEHICLE.V_VIN = VEHICLE_SERVICE.V_VIN
JOIN SERVICE
ON VEHICLE_SERVICE.SERVICE_ID = SERVICE.SERVICE_ID
JOIN SERVICE_STATUS
ON SERVICE.SERVICE_ID = SERVICE_STATUS.SERVICE_ID
JOIN CUSTOMER_VEHICLE
ON VEHICLE.V_VIN = CUSTOMER_VEHICLE.V_VIN
JOIN CUSTOMER
ON CUSTOMER_VEHICLE.CUSTOMER_ID = CUSTOMER.CUSTOMER_ID

ORDER BY SERVICE_STATUS.ACTIVE
```

SQL Result

	Vehicle Vin	First Name	Last Name	Service ID	Service Type	Service Status
1	2T2GA31U84C045001	Ramos	Rigoberto	20	Pintle Hitch	Active
2	1VWAP7A38DC019544	NULL	Melesio	3	TRAILER REPAIRS	Active
3	1FTWW31P05ED12447	Ernesto	Garcia	4	REPAIRS	Active
4	2G61N5S34D9234666	Jaimies	Nieto	5	Paint Truck	Active
5	JM1CR293890323205	Mid	County Land	6	Boxes:Semi-Round:15'-16' Semi-Round	Active
6	4T4BF1FK0CR295850	E	Jachon	7	Aluminum Tarp Arm Kit	Active
7	1G1AS18H097240712	ATC	Chrome	8	HI-LIFT	Active
8	1C3EL55R92N382041	John	Molina	9	Detailing	Active
9	5J6YH28593L059584	Joseph	Stair	10	STRETCH	Active
10	1GNSCJE09DR285966	Circle	V Trucking	11	Double Frame:FRONT REAR HANGER	Inactive
11	5N1AA0NC2EN603445	NULL	Rush	12	Ridewell Axle:8,000 LB Steerable	Inactive
12	1FTMF1EF8DKG22066	Headway	Oilfield Service	13	ALUMINUM WHEELS:17.5 POLISHED ALUM	Inactive
13	JTNBF3EK9A3098931	Paul	Stroup	14	Boxes:Square Box:13'-14' Square	Inactive
14	1GKFK33039R211644	Mariano	Ramirez Saldana	15	Hot Shift Pto	Inactive
15	1N6AA07A86N544349	Kirk	Thomas	16	Pintle Hitch	Inactive
16	1GNEC13T64R214542	Performance	Truck of Houston	17	TRAILER PACKAGE	Inactive
17	WDBUF87J56X135129	John	D	18	Boxes:Square Box:13'-14' Square	Inactive
18	4USBT33493LS81728	Jag	Trucking	19	Hot Shift Pto	Inactive
19	3N1CN7AP7FL826328	Best	American	1	REPAIRS	Inactive
20	3GTU2VEC3EG428370	NULL	Cowgirl	2	TRAILER REPAIRS	Inactive
21	5XXGM4A75CG006305	Oscar	Murica	21	TRAILER PACKAGE	Inactive
22	1G11B5SL4FF178012	NULL	Rush	22	Boxes:Square Box:17'-18' Square	Inactive
23	3N1AB6AP1AL632607	Bernardino	Lopez	23	Electric Tarp-Steel Arms	Inactive
24	2G4WD532651270530	NULL	Larret	24	Boxes:Semi-Round:17'-18' Semi-Round	Inactive
25	2HGFA165X6H554023	NULL	Rush	25	Paint Truck	Inactive
26	1C6RR6GT9ES365442	Red	Trucking	26	SLEEPER MODIFICATIONS/REPAIRS	Inactive
27	3MZBM1L73FM114959	Jay	Cicero	27	SLEEPER MODIFICATIONS/REPAIRS	Inactive
28	1G1JC6SH2F4127313	Carlos	Arebalo	28	STAKE BED:20-25' STAKE BED W/O HOIST	Inactive
29	3VW7T7AT4DM893975	Elite	Landscaping	29	Fuel Tank	Inactive
30	2C4RC1CG2CR171436	Leo	Escobar	30	BATTERY BOX	Inactive
31	5GZDV03L56D125276	Fredy	Agrueta	31	Paint Truck	Inactive
32	1J4RR4GG7BC787547	R & A	Transport	32	REPAIRS	Inactive
33	2HGFB2F59CH525577	NULL	Holt	33	STRETCH:UP TO 2'	Inactive
34	1N4AL3AP7FN348114	Ben	Getachew	34	Paint Truck	Inactive
35	1GCRCPEA9CZ281529	Carlos	Cantu	35	REPAIRS	Inactive

Zachary Kurtubi

Business Report: Employee Status

Report Description: Report keeping track of if an employee is still active within the company

Business Purpose: Keeping track of current and past employee is necessary to know what to assign projects and keeping track in general.

SQL CODE

```
SELECT
EMPLOYEE.EMPLOYEE_ID AS "Employee ID",
EMPLOYEE.EMPLOYEE_FNAME AS "First Name",
EMPLOYEE.EMPLOYEE_LNAME AS "Last Name",
EMPLOYEE_LOOKUP.EMPLOYEE_CURR_SERVICE AS "Employee Current Service",
EMPLOYEE_STATUS.ACTIVE AS "Employee Status"

FROM EMPLOYEE
JOIN EMPLOYEE_STATUS
ON EMPLOYEE.EMPLOYEE_ID = EMPLOYEE_STATUS.EMPLOYEE_ID
JOIN EMPLOYEE_LOOKUP
ON EMPLOYEE.EMPLOYEE_ID = EMPLOYEE_LOOKUP.EMPLOYEE_ID

ORDER BY EMPLOYEE_STATUS.ACTIVE;
```

SQL RESULT

	Employee ID	First Name	Last Name	Employee Current Service	Employee Status
1	1	Martin	Herrera		Active
2	2	Blanca	Garcia		Active
3	3	Ignacio	Martinez	Repairs	Active
4	4	Adrian	Castillo	Paint Truck	Active
5	5	Yeison	Banegas		Active
6	7	Victor	Barron	Trailer Package	Active
7	8	Hector	Valadez	Tool Box	Active
8	9	Pedro	Puerto	Remove Sleeper	Active
9	16	Roberto	Alanis	Double Frame	Active
10	17	Ernesto	Alanis	Electric Brake Control Install	Active
11	18	Israel	Ramirez	Repairs	Active
12	19	Fidencio	Dominguez	Sandblast Frame	Active
13	12	Luis	Bibriesca	Paint Fenders	Active
14	13	Juan	Castaneda	Detailing	Active
15	14	Carlos	Avila	Repairs	Active
16	24	Hector	Torres	Paint Truck	Active
17	15	Ricardo	Carabez	Shorten Frame	Inactive
18	20	Manuel	Juarez	Paint Truck	Inactive
19	21	Omar	Bibriesca	Detailing	Inactive
20	22	Luis	Alvarez	Repairs	Inactive
21	23	George	Hernandez	Detailing	Inactive
22	10	Pedro	Medina	Detailing	Inactive
23	11	Omar	Para	Paint Truck	Inactive
24	6	Gerson	Banegas	Repairs	Inactive

Zachary Kurtubi

Business Report: Inactive Trade Supplier

Report Description: Report showing if a supplier is still in active trade with Herrera Fabricating Inc.

Business Purpose: To keep track if a company is active trading for specific supplied parts. This way, Herrera can reach out to another company for the same parts.

SQL Code:

```
SELECT
SUPPLIER.SUPPLIER_ID AS "Supplier ID",
SUPPLIER.SUPPLIER_NAME AS "Supplier Name",
PART.PART_NAME AS "Part Supplied",
SUPPLIER_STATUS.ACTIVE AS "Company Trade Status"

FROM SUPPLIER
JOIN SUPPLIER_PART
ON SUPPLIER.SUPPLIER_ID = SUPPLIER_PART.SUPPLIER_ID
JOIN SUPPLIER_STATUS
ON SUPPLIER.SUPPLIER_ID = SUPPLIER_STATUS.SUPPLIER_ID
JOIN PART
ON SUPPLIER_PART.PART_ID = PART.PART_ID

WHERE SUPPLIER_STATUS.ACTIVE != 'ACTIVE'
```

Report/Query Result:

	Supplier ID	Supplier Name	Part Supplied	Company Trade Status
1	2	Black Rose Steel & Trading	Brakes	INACTIVE
2	15	HIAB	Engine Fan	INACTIVE
3	20	Kyrish Truck Centers	Jack	INACTIVE
4	8	W&C - Watson & Chalin	Spare Tire	INACTIVE
5	12	Anthony Liftgates, Inc	Air Filter	INACTIVE
6	5	US Tarp	Spark Plug	INACTIVE
7	5	US Tarp	Tarp	INACTIVE
8	12	Anthony Liftgates, Inc	Box	INACTIVE
9	8	W&C - Watson & Chalin	Hitch	INACTIVE
10	2	Black Rose Steel & Trading	Tool Box	INACTIVE

Business Report :Operating State

Report Description: Report showing a customer's practicing license origin to operate large/commercial vehicle(s).

Business Purpose: This report will help Herrera in keeping track a customer's driver license for record, safety, and liability purposes. This will also help the legibility and credibility on the customer's end.

SQL CODE:

```
SELECT
Customer.CUSTOMER_ID AS "Customer ID",
Customer.C_FNAME AS "First Name",
Customer.C_LNAME AS "Last Name",
CUSTOMER_CONTACT_INFO.C_CITY "City",
STATE.STATE_NAME AS "State"

FROM Customer
JOIN CUSTOMER_CONTACT_INFO
ON Customer.CUSTOMER_ID = CUSTOMER_CONTACT_INFO.CUSTOMER_ID
JOIN CUSTOMER_STATE
ON CUSTOMER_CONTACT_INFO.CUSTOMER_ID = CUSTOMER_STATE.CUSTOMER_ID
JOIN STATE
ON CUSTOMER_STATE.STATE_ID = STATE.STATE_ID

ORDER BY STATE.STATE_NAME, CUSTOMER_CONTACT_INFO.C_CITY;
```

Report/Query results:

	Customer ID	First Name	Last Name	City	State
1	1	Best	American	Houston	Texas
2	2	NULL	Cowgirl	LIBERTY	Texas
3	3	NULL	Melesio	Cypress	Texas
4	4	Ernesto	Garcia	Houston	Texas
5	5	Jaimes	Nieto	Houston	Texas
6	6	Mid	County Land	Houston	Texas
7	7	E	Jachon	Pasadena	Texas
8	8	ATC	Chrome	Cypress	Texas
9	9	John	Molina	Houston	Texas
10	10	Joseph	Stair	Cypress	Texas
11	11	Circle	V Trucking	Pasadena	Texas
12	12	NULL	Rush	Houston	Texas
13	13	Headway	Oilfield Service	cypress	Texas
14	14	Paul	Stroup	Austin	Texas
15	15	Mariano	Ramirez Saldana	Fort worth	Texas
16	16	Kirk	Thomas	Houston	Texas
17	17	Performance	Truck of Houston	San Antonio	Texas
18	18	John	D	Fort worth	Texas
19	19	Jag	Trucking	Cypress	Texas
20	20	Ramos	Rigoberto	houston	Texas
21	21	Oscar	Murica	katy	Texas
22	22	NULL	Rush	Katy	Texas
23	23	Bernardino	Lopez	Houston	Texas
24	24	NULL	Larret	Austin	Texas
25	25	NULL	Rush	Austin	Texas

DATA CREATED

Employee Status

EMPLOYEE_ID	ACTIVE_ID	ACTIVE
1	1	Active
2	1	Active
3	1	Active
4	1	Active
5	1	Active
6	2	Inactive
7	1	Active
8	1	Active
9	1	Active
10	2	Inactive
11	2	Inactive
12	1	Active
13	1	Active
14	1	Active
15	2	Inactive
16	1	Active

17	1	Active
18	1	Active
19	1	Active
20	2	Inactive
21	2	Inactive
22	2	Inactive
23	2	Inactive
24	1	Active

State

STATE_ID	STATE_NAME
1	Alabama
2	Alaska
3	Arizona
4	Arkansas
5	California
6	Colorado
7	Connecticut
8	Delaware
9	District of Columbia
10	Florida
11	Georgia
12	Hawaii
13	Idaho
14	Illinois
15	Indiana
16	Iowa
17	Kansas
18	Kentucky
19	Louisiana
20	Maine
21	Maryland
22	Massachusetts
23	Michigan
24	Minnesota
25	Mississippi
26	Missouri
27	Montana
28	Nebraska
29	Nevada
30	New Hampshire
31	New Jersey
32	New Mexico

33	New York
34	North Carolina
35	North Dakota
36	Ohio
37	Oklahoma
38	Oregon
39	Pennsylvania
40	Rhode Island
41	South Carolina
42	South Dakota
43	Tennessee
44	Texas
45	Utah
46	Vermont
47	Virginia
48	Washington
49	West Virginia
50	Wisconsin
51	Wyoming

State Violations

VIOLATION_ID	STATE_ID
1	44
2	44
3	44
4	44
5	44
6	44
7	44
8	44
9	44
10	44
11	44
12	44
13	44
14	44
15	44
16	44
17	44
18	44
19	44
20	44

Supplier Part

PART_ID	SUPPLIER_ID
1	4
2	2
3	3
4	1
5	6
6	7
7	9
8	15
9	14
10	20
11	8
12	13
13	16
14	12
15	5
16	10
17	17
18	19
19	18
20	11
21	10
22	3
23	14
24	11
25	5
26	16
27	12
28	4
29	8
30	6
31	13
32	4
33	2
34	9
35	19
36	7
37	14

Madalyn Peden

Report Name: Business Customers Report

Report Description: Display customers that are associated with a business, rather than individuals.

Business Purpose: Pulling just the business customers from Herrera Fabricating Inc.'s database would give the company a better understanding of just how much B2B work they are doing, and potentially adjust costs or service schedules accordingly.

SQL CODE:

USE CoogTechSolutions

DECLARE

@business BIT

SELECT @business = 1

SELECT

Customer.CUSTOMER_ID AS 'Customer ID',
Customer.C_LNAME AS 'Customer Last Name',
Customer.C_FNAME AS 'Customer First Name',
Customer.C_BUSINESS_NAME AS 'Customer Business Name',
Customer_Type.IS_BUSINESS AS 'Is Business',
Customer_Order.SERVICE_ORDER_ID AS 'Service Order ID',
Customer_Vehicle.V_VIN AS 'Vehicle Identification Number'

FROM CUSTOMER

JOIN CUSTOMER_TYPE ON Customer.CUSTOMER_ID = Customer_Type.CUSTOMER_ID
JOIN CUSTOMER_VEHICLE ON Customer.CUSTOMER_ID = Customer_Vehicle.CUSTOMER_ID
JOIN CUSTOMER_ORDER ON Customer.CUSTOMER_ID = Customer_Order.CUSTOMER_ID
JOIN CUSTOMER_CONTACT_INFO ON Customer.CUSTOMER_ID =
CUSTOMER_CONTACT_INFO.CUSTOMER_ID

WHERE Customer_Type.IS_BUSINESS = @business

ORDER BY Customer.CUSTOMER_ID;

Report/Query Results:

Customer Last Name	Customer First Name	Customer Business Name	Is Business	Service Order ID	Vehicle Identification Number
American	Best	Best American	1	1	3N1CN7AP7FL826328
Cowgirl	NULL	Cowgirl Trucking	1	2	3GTU2VEC3EG428370
Melesio	NULL	Texstar Excavating	1	3	1VWAP7A38DC019544
Garcia	Ernesto	Ernesto Garcia Trucking	1	4	1FTWW31P05ED12447
Nieto	Jaimes	Niceford	1	5	2G61N5S34D9234666
County Land	Mid	Mid County Land	1	6	JM1CR293890323205
Jachon	E	Jachon Int'l LTD	1	7	4T4BF1FK0CR295850

Chrome	ATC	Chrome ATC	1	8	1G1AS18H097240712
Rush	NULL	Rush Truck-Austin	1	12	5N1AA0NC2EN603445
Oilfield Service	Headway	Headway Oilfield Service	1	13	1FTMF1EF8DKG22066
Stroup	Paul	Paul Stroup Custom Dozing	1	14	JTNBF3EK9A3098931
Truck of Houston	Performance	Performance Truck of Houston	1	17	1GNEC13T64R214542
D	John	Clifton Chevrolet	1	18	WDBUF87J56X135129
Trucking	Jag	Jag Trucking	1	19	4USBT33493LS81728
Lopez	Bernardino	AB Trucking	1	23	3N1AB6AP1AL632607
Larret	NULL	Larrett Inc	1	24	2G4WD532651270530
Rush	NULL	Rush Truck-Houston	1	25	2HGFA165X6H554023

Report Name: Service cost report

Report Description: Display the costs of services tendered per month.

Business Purpose: This figure will represent the total gross profit from the services Herrera provides, before removing the cost of materials, labor, etc.

SQL CODE:

USE CoogTechSolutions

DECLARE

@minimumCost float(8)

SELECT @minimumCost = 1

SELECT

Service_Line.SERVICE_LINE_ID AS 'Service Line ID',

Service_Line.LINE_COST as 'Cost'

FROM SERVICE_LINE

LEFT JOIN SERVICE ON SERVICE_LINE.SERVICE_ID = SERVICE.SERVICE_ID AND

SERVICE_LINE.LINE_COST = SERVICE.COST

LEFT JOIN INVOICE ON SERVICE_LINE.LINE_COST = INVOICE.TOTAL_COST

JOIN SERVICE_LINE_PART ON SERVICE_LINE.SERVICE_LINE_ID =
SERVICE_LINE_PART.SERVICE_LINE_ID
JOIN SERVICE_LINE_STATUS ON SERVICE_LINE.SERVICE_LINE_ID =
SERVICE_LINE_STATUS.SERVICE_LINE_ID

WHERE SERVICE_LINE.LINE_COST >= @minimumCost

ORDER BY SERVICE_LINE.LINE_COST;

Report/Query Results:

Service Line ID	Cost
41	45
11	75
47	100
39	150
39	150
25	150
25	150
48	210.06
22	270.53
31	300
31	300
34	400
28	460
20	750
2	800
2	800
35	940
4	1000
4	1000
6	1000
6	1000
45	1190.12
42	1250
42	1250
24	1250
24	1250
33	1300
33	1300
32	1350
29	2000
14	2434.01

23	2500
1	2595.91
10	2750
16	2934.97
44	3565
7	4000
30	4200
21	4500
21	4500
8	6000
27	6650
49	7750.87
19	7840
18	8475
13	8500
15	9500
9	10000
9	10000
9	10000
3	10001
5	12000
36	13100
37	13950
38	14290
17	14500
46	17056
12	17975
26	19670
43	20620.02

Report Name: Service completion time report

Report Description: The timespan it takes to complete individual services, depending on the service and its needs.

Business Purpose: Getting a report for the completion time of individual services will help Herrera understand the average time it takes for particular services and identify areas where improvement may be necessary.

SQL CODE:

USE CoogTechSolutions

SELECT DISTINCT

Service.SERVICE_ID AS 'Service ID',
Service.DATE_START AS 'Start Date',
Service.DATE_END AS 'End Date',
Service.SERVICE_TYPE AS 'Service Type'

FROM SERVICE_LINE

JOIN SERVICE ON SERVICE_LINE.SERVICE_ID = SERVICE.SERVICE_ID

JOIN SERVICE_ORDER ON SERVICE_LINE.SERVICE_ORDER_ID =
SERVICE_ORDER.SERVICE_ORDER_ID

JOIN INVOICE ON SERVICE_LINE.LINE_DATE = INVOICE.INVOICE_DATE

JOIN SERVICE_STATUS ON SERVICE.SERVICE_ID = SERVICE_STATUS.SERVICE_ID

ORDER BY SERVICE.SERVICE_ID;

Report/Query Results:

Service ID	Start Date	End Date	Service Type
1	1/2/2021	1/2/2021	REPAIRS
2	1/3/2021	1/3/2021	TRAILER REPAIRS
3	1/4/2019	12/17/2021	TRAILER REPAIRS
4	11/5/2021	11/15/2021	REPAIRS
5	11/5/2021	11/15/2021	Paint Truck
6	11/5/2021	11/15/2021	Boxes:Semi-Round:15'-16' Semi-Round
7	11/5/2021	11/15/2021	Aluminum Tarp Arm Kit
8	11/5/2021	11/15/2021	HI-LIFT
9	11/5/2021	11/15/2021	Detailing
10	11/5/2021	11/15/2021	STRETCH
11	1/8/2021	1/8/2021	Double Frame:FRONT REAR HANGER
12	1/8/2021	1/8/2021	Ridewell Axle:8,000 LB Steerable

13	1/10/2021	1/25/2021	ALUMINUM WHEELS:17.5 POLISHED ALUM
14	1/12/2021	1/29/2021	Boxes:Square Box:13'-14' Square
15	1/15/2021	1/15/2021	Hot Shift Pto
16	1/15/2021	1/15/2021	Pintle Hitch
17	1/15/2021	1/15/2021	TRAILER PACKAGE
18	1/16/2021	2/2/2021	Boxes:Square Box:13'-14' Square
19	1/16/2021	1/29/2021	Hot Shift Pto
20	1/16/2021	7/26/2021	Pintle Hitch
21	1/18/2021	1/18/2021	TRAILER PACKAGE
22	1/22/2021	1/22/2021	Boxes:Square Box:17'-18' Square
23	1/24/2021	1/24/2021	Electric Tarp-Steel Arms
24	1/29/2021	1/29/2021	Boxes:Semi-Round:17'-18' Semi-Round
25	1/30/2021	3/22/2021	Paint Truck
26	1/30/2021	1/30/2021	SLEEPER MODIFICATIONS/REPAIRS
27	2/1/2020	2/15/2020	SLEEPER MODIFICATIONS/REPAIRS
28	2/1/2020	2/14/2020	STAKE BED:20-25' STAKE BED W/O HOIST
29	2/1/2020	2/9/2020	Fuel Tank
30	2/1/2020	2/14/2020	BATTERY BOX
31	2/2/2020	2/2/2020	Paint Truck
32	2/7/2020	2/20/2020	REPAIRS
33	2/7/2020	3/21/2020	STRETCH:UP TO 2'
34	2/8/2020	2/8/2020	Paint Truck
35	2/12/2020	2/12/2020	REPAIRS
36	2/15/2020	2/15/2020	FREIGHT CHARGES
37	2/21/2020	2/21/2020	STAKE BED:NO LIFT 24'
38	2/21/2020	2/21/2020	STRETCH:UP TO 2'
39	2/21/2020	2/28/2020	TOOL BOX
40	2/22/2020	5/17/2020	Paint Fenders
41	2/22/2020	3/6/2020	Boxes:Semi-Round:15'-16' Semi-Round
42	2/26/2020	2/28/2020	HI-LIFT
43	2/27/2020	2/27/2020	Electric Tarp-Steel Arms
44	2/28/2020	4/3/2020	Remove Sleeper:379 PETE
45	3/1/2020	3/1/2020	Boxes:Square Box:15'-16' Square
46	3/5/2020	3/5/2020	Electric Tarp-Steel Arms
47	3/6/2020	5/14/2020	Ridewell Axle:8,000 LB Steerable
48	3/7/2020	8/8/2020	Ridewell Axle:8,000 LB Steerable
49	3/8/2020	3/29/2020	ALUMINUM WHEELS:17.5 POLISHED ALUM
50	3/12/2020	3/15/2020	TIRE 235 17.5 CONTINENTAL
51	3/13/2020	3/13/2020	FREIGHT CHARGES

52	3/14/2020	3/14/2020	Boxes:Semi-Round:13'-14' Semi-Round
53	3/15/2020	3/20/2020	Hot Shift Pto
54	3/16/2020	10/11/2020	Electric Tarp-Steel Arms
55	3/19/2020	3/31/2020	Paint Truck
56	3/20/2020	3/22/2020	TARP 16X7
57	3/20/2020	3/27/2020	STAKE BED:10-15' STAKE BED
58	3/21/2020	6/4/2020	Pintle Hitch
59	3/22/2020	4/9/2020	TOOL BOX
60	3/22/2020	3/22/2020	SHORTEN FRAME
61	3/26/2020	4/19/2020	TRAILER PACKAGE
62	3/27/2020	4/3/2020	Wet-Kits:Steel Single line Rear Mount
63	3/27/2020	4/11/2020	Ridewell Axle:Steerable Axle
64	3/29/2020	3/29/2020	Boxes:Semi-Round:13'-14' Semi-Round
65	3/29/2020	4/12/2020	Hot Shift Pto
66	4/2/2019	4/2/2019	Electric Tarp-Steel Arms
67	4/2/2019	4/3/2019	Paint Truck
68	4/2/2019	4/2/2019	Boxes:Square Box:13'-14' Square
69	4/3/2019	4/3/2019	Electric Tarp-Steel Arms
70	4/3/2019	4/9/2019	Pintle Hitch
71	4/3/2019	4/3/2019	STAKE BED:10-15' STAKE BED
72	4/5/2019	4/10/2019	Pintle Hitch
73	4/5/2019	4/5/2019	TOOL BOX
74	11/5/2019	11/15/2019	SHORTEN FRAME
75	11/5/2019	11/15/2019	TRAILER PACKAGE
76	11/5/2019	11/15/2019	Remove Sleeper
77	11/5/2019	11/15/2019	Boxes:DEMOLITION:15-17 DEMO
78	4/10/2019	4/10/2019	Paint Truck
79	4/11/2019	4/11/2019	Paint Fenders
80	4/13/2018	4/30/2018	FRONT BUMPER
81	4/13/2018	4/26/2018	TRAILER PACKAGE
82	4/16/2018	4/16/2018	Boxes:Square Box:13'-14' Square
83	4/16/2018	12/23/2020	Electric Tarp-Steel Arms
84	4/16/2018	4/17/2018	Boxes:DEMOLITION:15-17 DEMO
85	4/16/2018	4/26/2018	Excise Tax
86	4/17/2018	4/26/2018	Electric Tarp-Steel Arms
87	4/17/2018	6/28/2018	STRETCH
88	4/18/2018	4/18/2018	Double Frame
89	4/19/2018	4/26/2018	Ridewell Axle:Axle Kit
90	4/19/2018	4/19/2018	Ridewell Axle:8,000 LB Steerable
91	4/19/2018	4/30/2018	REPAIRS
92	4/19/2018	4/19/2018	REPAIRS

93	4/19/2018	5/10/2018	ELECTRIC BRAKE CONTROL INSTALL
94	4/19/2018	4/24/2018	REPAIRS
95	4/20/2018	4/26/2018	Sandblast Frame
96	4/23/2018	4/23/2018	REPAIRS
97	4/23/2018	4/30/2018	Boxes:Square Box
98	4/28/2018	4/30/2018	REPAIRS
99	4/30/2018	1/28/2018	ALUMINUM WHEELS:17.5 POLISHED ALUM
100	5/1/2018	5/8/2018	Boxes:DEMOLITION:15-17 DEMO

Report Name: Repairs report

Report Description: Display services that just entail repairs.

Business Purpose: This report will isolate the repairs-only services that Herrera does in comparison to their other services.

SQL CODE:

USE CoogTechSolutions

DECLARE

@serviceRepairs varchar(7),

@trailerRepairs varchar(15)

SELECT @serviceRepairs = 'REPAIRS'

SELECT @trailerRepairs = 'TRAILER REPAIRS'


```

SELECT
Service.SERVICE_ID AS 'Service ID',
Service.SERVICE_TYPE AS 'Service Type'

FROM SERVICE_LINE
JOIN SERVICE ON SERVICE_LINE.SERVICE_ID = SERVICE.SERVICE_ID
JOIN EMPLOYEE_SERVICE_LINE_ASSIGNMENT ON SERVICE_LINE.SERVICE_LINE_ID =
EMPLOYEE_SERVICE_LINE_ASSIGNMENT.SERVICE_LINE_ID
JOIN SERVICE_ORDER ON SERVICE_LINE.SERVICE_ORDER_ID =
SERVICE_ORDER.SERVICE_ORDER_ID
JOIN SERVICE_LINE_PART ON SERVICE_LINE.SERVICE_LINE_ID =
SERVICE_LINE_PART.SERVICE_LINE_ID

WHERE Service.SERVICE_TYPE like @serviceRepairs
OR Service.SERVICE_TYPE like @trailerRepairs

```

Report/Query Results:

Service ID	Service Type
1	REPAIRS
2	TRAILER REPAIRS
3	TRAILER REPAIRS
4	REPAIRS
32	REPAIRS
35	REPAIRS
91	REPAIRS
92	REPAIRS
94	REPAIRS
96	REPAIRS
98	REPAIRS

Data Tables:

Customer Type Table –

C_ID|IS_BUSINESS

1|1
2|1
3|1
4|1
5|1
6|1
7|1

8|1
9|0
10|0
11|0
12|1
13|1
14|1
15|0
16|0
17|1
18|1
19|1
20|0
21|0
22|0
23|1
24|1
25|1
26|1
27|0
28|0
29|1
30|0
31|0
32|1
33|1
34|0
35|1
36|0
37|1
38|1
39|0
40|1
41|1
42|0
43|1
44|1
45|1
46|1
47|1
48|0
49|1
50|0
51|1

52|1
53|1
54|1
55|1
56|1
57|0
58|0
59|1
60|0
61|1
62|0
63|1
64|1
65|0
66|0
67|1
68|0
69|1
70|1
71|0
72|0
73|1
74|1
75|1
76|1
77|1
78|1
79|1
80|0
81|1
82|1
83|1
84|1
85|1
86|1
87|0
88|1
89|1
90|1
91|0
92|0
93|0
94|0
95|0

96|0
97|0
98|0
99|1
100|1

Employee Lookup Table –

EMPLOYEE_ID|EMPLOYEE_CURR_SERVICE

1|
2|
3|Repairs
4|Paint Truck
5|
6|Repairs
7|Trailer Package
8|Tool Box
9|Remove Sleeper
10|Detailing
11|Paint Truck
12|Paint Fenders
13|Detailing
14|Repairs
15|Shorten Frame
16|Double Frame
17|Electric Brake Control Install
18|Repairs
19|Sandblast Frame
20|Paint Truck
21|Detailing
22|Repairs
23|Detailing
24|Paint Truck

Service Order Table –

SERVICE_ORDER_ID|DATE|TOTAL_COST

1|1/2/2021|1800
2|1/3/2021|731.13
3|12/17/2021|64.78
4|11/15/2021|800
5|11/15/2021|10001
6|11/15/2021|1000
7|11/15/2021|12000
8|11/15/2021|1000
9|11/15/2021|4000

10|11/15/2021|6000
11|1/8/2021|10000
12|1/8/2021|14000
13|1/25/2021|2750
14|1/29/2021|75
15|1/15/2021|2000
16|1/15/2021|11500
17|1/15/2021|1450
18|2/2/2021|1800
19|1/29/2021|750
20|7/26/2021|475
21|1/18/2021|2400
22|1/22/2021|2500
23|1/24/2021|2800
24|1/29/2021|1000
25|3/22/2021|200
26|1/30/2021|1500
27|2/15/2020|3000
28|2/14/2020|384.01
29|2/9/2020|200
30|2/14/2020|2650
31|2/2/2020|2434.01
32|2/20/2020|5500
33|3/21/2020|2000
34|2/8/2020|5400
35|2/12/2020|600
36|2/15/2020|9500
37|2/21/2020|1500
38|2/21/2020|500
39|2/28/2020|385.9
40|5/17/2020|449.07
41|3/6/2020|100
42|2/28/2020|10500
43|2/27/2020|850
44|4/3/2020|1800
45|3/1/2020|1350
46|3/5/2020|10500
47|5/14/2020|850
48|8/8/2020|1800
49|3/29/2020|1350
50|3/15/2020|1350
51|3/13/2020|475
52|3/14/2020|3000
53|3/20/2020|1000

54|10/11/2020|2000
55|3/31/2020|650
56|3/22/2020|12500
57|3/27/2020|5500
58|6/4/2020|7000
59|4/9/2020|840
60|3/22/2020|750
61|4/19/2020|4500
62|4/3/2020|125
63|4/11/2020|35
64|3/29/2020|110.53
65|4/12/2020|1400
66|4/2/2019|1000
67|4/3/2019|100
68|4/2/2019|400
69|4/3/2019|850
70|4/9/2019|150
71|4/3/2019|4000
72|4/10/2019|800
73|4/5/2019|11500
74|11/15/2019|800
75|11/15/2019|750
76|11/15/2019|700
77|11/15/2019|300
78|4/10/2019|470
79|4/11/2019|150
80|4/30/2018|1800
81|4/26/2018|500
82|4/16/2018|500
83|12/23/2020|5000
84|4/17/2018|1500
85|4/26/2018|150
86|4/26/2018|460
87|6/28/2018|2000
88|4/18/2018|2200
89|4/26/2018|1000
90|4/19/2018|1000
91|4/30/2018|200
92|4/19/2018|100
93|5/10/2018|1350
94|4/24/2018|300
95|4/26/2018|1300
96|4/23/2018|400
97|4/30/2018|790

98|4/30/2018|150
99|1/28/2018|8000
100|5/8/2018|3700

Country Table –

COUNTRY_ID|COUNTRY_NAME

1|Afghanistan
2|Albania
3|Algeria
4|Andorra
5|Angola
6|Antigua & Deps
7|Argentina
8|Armenia
9|Australia
10|Austria
11|Azerbaijan
12|Bahamas
13|Bahrain
14|Bangladesh
15|Barbados
16|Belarus
17|Belgium
18|Belize
19|Benin
20|Bhutan
21|Bolivia
22|Bosnia Herzegovina
23|Botswana
24|Brazil
25|Brunei
26|Bulgaria
27|Burkina
28|Burundi
29|Cambodia
30|Cameroon
31|Canada
32|Cape Verde
33|Central African Rep
34|Chad
35|Chile
36|China
37|Colombia
38|Comoros

39|Congo
40|Costa Rica
41|Croatia
42|Cuba
43|Cyprus
44|Czech Republic
45|Denmark
46|Djibouti
47|Dominica
48|Dominican Republic
49|East Timor
50|Ecuador
51|Egypt
52|El Salvador
53|Equatorial Guinea
54|Eritrea
55|Estonia
56|Ethiopia
57|Fiji
58|Finland
59|France
60|Gabon
61|Gambia
62|Georgia
63|Germany
64|Ghana
65|Greece
66|Grenada
67|Guatemala
68|Guinea
69|Guinea-Bissau
70|Guyana
71|Haiti
72|Honduras
73|Hungary
74|Iceland
75|India
76|Indonesia
77|Iran
78|Iraq
79|Ireland
80|Israel
81|Italy
82|Ivory Coast

83|Jamaica
84|Japan
85|Jordan
86|Kazakhstan
87|Kenya
88|Kiribati
89|North Korea
90|South Korea
91|Kosovo
92|Kuwait
93|Kyrgyzstan
94|Laos
95|Latvia
96|Lebanon
97|Lesotho
98|Liberia
99|Libya
100|Liechtenstein
101|Lithuania
102|Luxembourg
103|Macedonia
104|Madagascar
105|Malawi
106|Malaysia
107|Maldives
108|Mali
109|Malta
110|Marshall Islands
111|Mauritania
112|Mauritius
113|Mexico
114|Micronesia
115|Moldova
116|Monaco
117|Mongolia
118|Montenegro
119|Morocco
120|Mozambique
121|Myanmar
122|Namibia
123|Nauru
124|Nepal
125|Netherlands
126|New Zealand

127|Nicaragua
128|Niger
129|Nigeria
130|Norway
131|Oman
132|Pakistan
133|Palau
134|Panama
135|Papua New Guinea
136|Paraguay
137|Peru
138|Philippines
139|Poland
140|Portugal
141|Qatar
142|Romania
143|Russian Federation
144|Rwanda
145|St Kitts & Nevis
146|St Lucia
147|Saint Vincent & the Grenadines
148|Samoa
149|San Marino
150|Sao Tome & Principe
151|Saudi Arabia
152|Senegal
153|Serbia
154|Seychelles
155|Sierra Leone
156|Singapore
157|Slovakia
158|Slovenia
159|Solomon Islands
160|Somalia
161|South Africa
162|South Sudan
163|Spain
164|Sri Lanka
165|Sudan
166|Suriname
167|Swaziland
168|Sweden
169|Switzerland
170|Syria

171|Taiwan
172|Tajikistan
173|Tanzania
174|Thailand
175|Togo
176|Tonga
177|Trinidad & Tobago
178|Tunisia
179|Turkey
180|Turkmenistan
181|Tuvalu
182|Uganda
183|Ukraine
184|United Arab Emirates
185|United Kingdom
186|United States
187|Uruguay
188|Uzbekistan
189|Vanuatu
190|Vatican City
191|Venezuela
192|Vietnam
193|Yemen
194|Zambia
195|Zimbabwe

(Report 1)

Report Name: Past violations by customer

Report Description: Lists noted violations as well as their State and Law Code alongside both business name and client last name.

Business Purpose: The client can use this report to quickly see what issues specific customers have been having as well as in which States. The client could also see which violations have been occurring more frequently.

SQL CODE:

```
SELECT
CUSTOMER.C_BUS_NAME AS "Customer",
CUSTOMER.C_LNAME AS "Last Name",
STATE.STATE_NAME AS "State",
VIOLATION.VIOLATION_NAME AS "Violation",
VIOLATION.LAW_CODE AS "Law Code"

FROM CUSTOMER
JOIN CUSTOMER_CONTACT_INFO
ON CUSTOMER.CUSTOMER_ID = CUSTOMER_CONTACT_INFO.CUSTOMER_ID
JOIN CUSTOMER_STATE
ON CUSTOMER_CONTACT_INFO.CUSTOMER_ID =
CUSTOMER_STATE.CUSTOMER_ID
JOIN STATE
ON CUSTOMER_STATE.STATE_ID = STATE.STATE_ID
JOIN STATE_VIOLATION
ON STATE.STATE_ID = STATE_VIOLATION.STATE_ID
JOIN VIOLATION
ON STATE_VIOLATION.VIOLATION_ID = VIOLATION.VIOLATION_ID

ORDER BY CUSTOMER.CUSTOMER_ID
```

Report/Query Results:

Customer	Last Name	State	Violation	Law Code
			MINIMUM LIGHTING EQUIPMENT	
Best American	American	Texas	REQUIRED	547.326
			MULTIPLE-BEAM LIGHTING EQUIPMENT	
Best American	American	Texas	REQUIRED	547.333
Best American	American	Texas	PARKING BRAKES REQUIRED	547.404
Best American	American	Texas	EMERGENCY BRAKES REQUIRED	547.405
			BRAKE RESERVOIR OR RESERVE CAPACITY	
Best American	American	Texas	REQUIRED	547.406
Best American	American	Texas	BRAKE WARNING DEVICES REQUIRED	547.407

Best American	American	Texas	VISIBLE WARNING DEVICES REQUIRED	547.502
Best American	American	Texas	MIRRORS REQUIRED	547.602
Best American	American	Texas	WINDSHIELD WIPERS REQUIRED	547.603
Best American	American	Texas	MUFFLER REQUIRED	547.604
Best American	American	Texas	EMISSION SYSTEMS REQUIRED	547.605
			SAFE AIR-CONDITIONING EQUIPMENT	
Best American	American	Texas	REQUIRED	547.61
Best American	American	Texas	RESTRICTIONS ON WINDOWS	547.613
Best American	American	Texas	RESTRICTIONS ON AIRBAGS	547.614
Best American	American	Texas	RADAR INTERFERENCE DEVICES; OFFENSE	547.616
Best American	American	Texas	BRAKE EQUIPMENT	547.802
Best American	American	Texas	LIGHTING EQUIPMENT	547.801
			ADDITIONAL EQUIPMENT REQUIREMENTS	
Best American	American	Texas	FOR SLOW-MOVING VEHICLES	547.703
Best American	American	Texas	RECORDING DEVICES	547.615
Best American	American	Texas	RESTRICTIONS ON USE AND SALE OF TIRES	547.612
			MINIMUM LIGHTING EQUIPMENT	
Cowgirl Trucking	Cowgirl	Texas	REQUIRED	547.326
			MULTIPLE-BEAM LIGHTING EQUIPMENT	
Cowgirl Trucking	Cowgirl	Texas	REQUIRED	547.333
Cowgirl Trucking	Cowgirl	Texas	PARKING BRAKES REQUIRED	547.404
Cowgirl Trucking	Cowgirl	Texas	EMERGENCY BRAKES REQUIRED	547.405
			BRAKE RESERVOIR OR RESERVE CAPACITY	
Cowgirl Trucking	Cowgirl	Texas	REQUIRED	547.406
Cowgirl Trucking	Cowgirl	Texas	BRAKE WARNING DEVICES REQUIRED	547.407
Cowgirl Trucking	Cowgirl	Texas	VISIBLE WARNING DEVICES REQUIRED	547.502
Cowgirl Trucking	Cowgirl	Texas	MIRRORS REQUIRED	547.602
Cowgirl Trucking	Cowgirl	Texas	WINDSHIELD WIPERS REQUIRED	547.603
Cowgirl Trucking	Cowgirl	Texas	MUFFLER REQUIRED	547.604
Cowgirl Trucking	Cowgirl	Texas	EMISSION SYSTEMS REQUIRED	547.605
			SAFE AIR-CONDITIONING EQUIPMENT	
Cowgirl Trucking	Cowgirl	Texas	REQUIRED	547.61
Cowgirl Trucking	Cowgirl	Texas	RESTRICTIONS ON WINDOWS	547.613
Cowgirl Trucking	Cowgirl	Texas	RESTRICTIONS ON AIRBAGS	547.614
Cowgirl Trucking	Cowgirl	Texas	RADAR INTERFERENCE DEVICES; OFFENSE	547.616
Cowgirl Trucking	Cowgirl	Texas	BRAKE EQUIPMENT	547.802
Cowgirl Trucking	Cowgirl	Texas	LIGHTING EQUIPMENT	547.801
			ADDITIONAL EQUIPMENT REQUIREMENTS	
Cowgirl Trucking	Cowgirl	Texas	FOR SLOW-MOVING VEHICLES	547.703
Cowgirl Trucking	Cowgirl	Texas	RECORDING DEVICES	547.615
Cowgirl Trucking	Cowgirl	Texas	RESTRICTIONS ON USE AND SALE OF TIRES	547.612
			MINIMUM LIGHTING EQUIPMENT	
Texstar Excavating	Melesio	Texas	REQUIRED	547.326

			MULTIPLE-BEAM LIGHTING EQUIPMENT	
Texstar Excavating	Melesio	Texas	REQUIRED	547.333
Texstar Excavating	Melesio	Texas	PARKING BRAKES REQUIRED	547.404
Texstar Excavating	Melesio	Texas	EMERGENCY BRAKES REQUIRED	547.405
			BRAKE RESERVOIR OR RESERVE CAPACITY	
Texstar Excavating	Melesio	Texas	REQUIRED	547.406
Texstar Excavating	Melesio	Texas	BRAKE WARNING DEVICES REQUIRED	547.407
Texstar Excavating	Melesio	Texas	VISIBLE WARNING DEVICES REQUIRED	547.502
Texstar Excavating	Melesio	Texas	MIRRORS REQUIRED	547.602
Texstar Excavating	Melesio	Texas	WINDSHIELD WIPERS REQUIRED	547.603
Texstar Excavating	Melesio	Texas	MUFFLER REQUIRED	547.604
Texstar Excavating	Melesio	Texas	EMISSION SYSTEMS REQUIRED	547.605
			SAFE AIR-CONDITIONING EQUIPMENT	
Texstar Excavating	Melesio	Texas	REQUIRED	547.61
Texstar Excavating	Melesio	Texas	RESTRICTIONS ON WINDOWS	547.613
Texstar Excavating	Melesio	Texas	RESTRICTIONS ON AIRBAGS	547.614
Texstar Excavating	Melesio	Texas	RADAR INTERFERENCE DEVICES; OFFENSE	547.616
Texstar Excavating	Melesio	Texas	BRAKE EQUIPMENT	547.802
Texstar Excavating	Melesio	Texas	LIGHTING EQUIPMENT	547.801
			ADDITIONAL EQUIPMENT REQUIREMENTS	
Texstar Excavating	Melesio	Texas	FOR SLOW-MOVING VEHICLES	547.703
Texstar Excavating	Melesio	Texas	RECORDING DEVICES	547.615
Texstar Excavating	Melesio	Texas	RESTRICTIONS ON USE AND SALE OF TIRES	547.612
Ernesto Garcia			MINIMUM LIGHTING EQUIPMENT	
Trucking	Garcia	Texas	REQUIRED	547.326
Ernesto Garcia			MULTIPLE-BEAM LIGHTING EQUIPMENT	
Trucking	Garcia	Texas	REQUIRED	547.333
Ernesto Garcia				
Trucking	Garcia	Texas	PARKING BRAKES REQUIRED	547.404
Ernesto Garcia				
Trucking	Garcia	Texas	EMERGENCY BRAKES REQUIRED	547.405
Ernesto Garcia			BRAKE RESERVOIR OR RESERVE CAPACITY	
Trucking	Garcia	Texas	REQUIRED	547.406
Ernesto Garcia				
Trucking	Garcia	Texas	BRAKE WARNING DEVICES REQUIRED	547.407
Ernesto Garcia				
Trucking	Garcia	Texas	VISIBLE WARNING DEVICES REQUIRED	547.502
Ernesto Garcia				
Trucking	Garcia	Texas	MIRRORS REQUIRED	547.602
Ernesto Garcia				
Trucking	Garcia	Texas	WINDSHIELD WIPERS REQUIRED	547.603
Ernesto Garcia				
Trucking	Garcia	Texas	MUFFLER REQUIRED	547.604

Ernesto Garcia				
Trucking	Garcia	Texas	EMISSION SYSTEMS REQUIRED	547.605
Ernesto Garcia			SAFE AIR-CONDITIONING EQUIPMENT	
Trucking	Garcia	Texas	REQUIRED	547.61
Ernesto Garcia				
Trucking	Garcia	Texas	RESTRICTIONS ON WINDOWS	547.613
Ernesto Garcia				
Trucking	Garcia	Texas	RESTRICTIONS ON AIRBAGS	547.614
Ernesto Garcia				
Trucking	Garcia	Texas	RADAR INTERFERENCE DEVICES; OFFENSE	547.616
Ernesto Garcia				
Trucking	Garcia	Texas	BRAKE EQUIPMENT	547.802
Ernesto Garcia				
Trucking	Garcia	Texas	LIGHTING EQUIPMENT	547.801
Ernesto Garcia			ADDITIONAL EQUIPMENT REQUIREMENTS	
Trucking	Garcia	Texas	FOR SLOW-MOVING VEHICLES	547.703
Ernesto Garcia				
Trucking	Garcia	Texas	RECORDING DEVICES	547.615
Ernesto Garcia				
Trucking	Garcia	Texas	RESTRICTIONS ON USE AND SALE OF TIRES	547.612
			MINIMUM LIGHTING EQUIPMENT	
Niceford	Nieto	Texas	REQUIRED	547.326
			MULTIPLE-BEAM LIGHTING EQUIPMENT	
Niceford	Nieto	Texas	REQUIRED	547.333
Niceford	Nieto	Texas	PARKING BRAKES REQUIRED	547.404
Niceford	Nieto	Texas	EMERGENCY BRAKES REQUIRED	547.405
			BRAKE RESERVOIR OR RESERVE CAPACITY	
Niceford	Nieto	Texas	REQUIRED	547.406
Niceford	Nieto	Texas	BRAKE WARNING DEVICES REQUIRED	547.407
Niceford	Nieto	Texas	VISIBLE WARNING DEVICES REQUIRED	547.502
Niceford	Nieto	Texas	MIRRORS REQUIRED	547.602
Niceford	Nieto	Texas	WINDSHIELD WIPERS REQUIRED	547.603
Niceford	Nieto	Texas	MUFFLER REQUIRED	547.604
Niceford	Nieto	Texas	EMISSION SYSTEMS REQUIRED	547.605
			SAFE AIR-CONDITIONING EQUIPMENT	
Niceford	Nieto	Texas	REQUIRED	547.61
Niceford	Nieto	Texas	RESTRICTIONS ON WINDOWS	547.613
Niceford	Nieto	Texas	RESTRICTIONS ON AIRBAGS	547.614
Niceford	Nieto	Texas	RADAR INTERFERENCE DEVICES; OFFENSE	547.616
Niceford	Nieto	Texas	BRAKE EQUIPMENT	547.802
Niceford	Nieto	Texas	LIGHTING EQUIPMENT	547.801
			ADDITIONAL EQUIPMENT REQUIREMENTS	
Niceford	Nieto	Texas	FOR SLOW-MOVING VEHICLES	547.703

Niceford	Nieto	Texas	RECORDING DEVICES	547.615
Niceford	Nieto	Texas	RESTRICTIONS ON USE AND SALE OF TIRES	547.612
	County		MINIMUM LIGHTING EQUIPMENT	
Mid County Land	Land	Texas	REQUIRED	547.326
	County		MULTIPLE-BEAM LIGHTING EQUIPMENT	
Mid County Land	Land	Texas	REQUIRED	547.333
	County			
Mid County Land	Land	Texas	PARKING BRAKES REQUIRED	547.404
	County			
Mid County Land	Land	Texas	EMERGENCY BRAKES REQUIRED	547.405
	County		BRAKE RESERVOIR OR RESERVE CAPACITY	
Mid County Land	Land	Texas	REQUIRED	547.406
	County			
Mid County Land	Land	Texas	BRAKE WARNING DEVICES REQUIRED	547.407
	County			
Mid County Land	Land	Texas	VISIBLE WARNING DEVICES REQUIRED	547.502
	County			
Mid County Land	Land	Texas	MIRRORS REQUIRED	547.602
	County			
Mid County Land	Land	Texas	WINDSHIELD WIPERS REQUIRED	547.603
	County			
Mid County Land	Land	Texas	MUFFLER REQUIRED	547.604
	County			
Mid County Land	Land	Texas	EMISSION SYSTEMS REQUIRED	547.605
	County		SAFE AIR-CONDITIONING EQUIPMENT	
Mid County Land	Land	Texas	REQUIRED	547.61
	County			
Mid County Land	Land	Texas	RESTRICTIONS ON WINDOWS	547.613
	County			
Mid County Land	Land	Texas	RESTRICTIONS ON AIRBAGS	547.614
	County			
Mid County Land	Land	Texas	RADAR INTERFERENCE DEVICES; OFFENSE	547.616
	County			
Mid County Land	Land	Texas	BRAKE EQUIPMENT	547.802
	County			
Mid County Land	Land	Texas	LIGHTING EQUIPMENT	547.801
	County		ADDITIONAL EQUIPMENT REQUIREMENTS	
Mid County Land	Land	Texas	FOR SLOW-MOVING VEHICLES	547.703
	County			
Mid County Land	Land	Texas	RECORDING DEVICES	547.615
	County			
Mid County Land	Land	Texas	RESTRICTIONS ON USE AND SALE OF TIRES	547.612
			MINIMUM LIGHTING EQUIPMENT	
Jachon Int'l LTD	Jachon	Texas	REQUIRED	547.326

			MULTIPLE-BEAM LIGHTING EQUIPMENT	
Jachon Int'l LTD	Jachon	Texas	REQUIRED	547.333
Jachon Int'l LTD	Jachon	Texas	PARKING BRAKES REQUIRED	547.404
Jachon Int'l LTD	Jachon	Texas	EMERGENCY BRAKES REQUIRED	547.405
			BRAKE RESERVOIR OR RESERVE CAPACITY	
Jachon Int'l LTD	Jachon	Texas	REQUIRED	547.406
Jachon Int'l LTD	Jachon	Texas	BRAKE WARNING DEVICES REQUIRED	547.407
Jachon Int'l LTD	Jachon	Texas	VISIBLE WARNING DEVICES REQUIRED	547.502
Jachon Int'l LTD	Jachon	Texas	MIRRORS REQUIRED	547.602
Jachon Int'l LTD	Jachon	Texas	WINDSHIELD WIPERS REQUIRED	547.603
Jachon Int'l LTD	Jachon	Texas	MUFFLER REQUIRED	547.604
Jachon Int'l LTD	Jachon	Texas	EMISSION SYSTEMS REQUIRED	547.605
			SAFE AIR-CONDITIONING EQUIPMENT	
Jachon Int'l LTD	Jachon	Texas	REQUIRED	547.61
Jachon Int'l LTD	Jachon	Texas	RESTRICTIONS ON WINDOWS	547.613
Jachon Int'l LTD	Jachon	Texas	RESTRICTIONS ON AIRBAGS	547.614
Jachon Int'l LTD	Jachon	Texas	RADAR INTERFERENCE DEVICES; OFFENSE	547.616
Jachon Int'l LTD	Jachon	Texas	BRAKE EQUIPMENT	547.802
Jachon Int'l LTD	Jachon	Texas	LIGHTING EQUIPMENT	547.801
			ADDITIONAL EQUIPMENT REQUIREMENTS	
Jachon Int'l LTD	Jachon	Texas	FOR SLOW-MOVING VEHICLES	547.703
Jachon Int'l LTD	Jachon	Texas	RECORDING DEVICES	547.615
Jachon Int'l LTD	Jachon	Texas	RESTRICTIONS ON USE AND SALE OF TIRES	547.612
			MINIMUM LIGHTING EQUIPMENT	
Chrome ATC	Chrome	Texas	REQUIRED	547.326
			MULTIPLE-BEAM LIGHTING EQUIPMENT	
Chrome ATC	Chrome	Texas	REQUIRED	547.333
Chrome ATC	Chrome	Texas	PARKING BRAKES REQUIRED	547.404
Chrome ATC	Chrome	Texas	EMERGENCY BRAKES REQUIRED	547.405
			BRAKE RESERVOIR OR RESERVE CAPACITY	
Chrome ATC	Chrome	Texas	REQUIRED	547.406
Chrome ATC	Chrome	Texas	BRAKE WARNING DEVICES REQUIRED	547.407
Chrome ATC	Chrome	Texas	VISIBLE WARNING DEVICES REQUIRED	547.502
Chrome ATC	Chrome	Texas	MIRRORS REQUIRED	547.602
Chrome ATC	Chrome	Texas	WINDSHIELD WIPERS REQUIRED	547.603
Chrome ATC	Chrome	Texas	MUFFLER REQUIRED	547.604
Chrome ATC	Chrome	Texas	EMISSION SYSTEMS REQUIRED	547.605
			SAFE AIR-CONDITIONING EQUIPMENT	
Chrome ATC	Chrome	Texas	REQUIRED	547.61
Chrome ATC	Chrome	Texas	RESTRICTIONS ON WINDOWS	547.613
Chrome ATC	Chrome	Texas	RESTRICTIONS ON AIRBAGS	547.614
Chrome ATC	Chrome	Texas	RADAR INTERFERENCE DEVICES; OFFENSE	547.616
Chrome ATC	Chrome	Texas	BRAKE EQUIPMENT	547.802

Chrome ATC	Chrome	Texas	LIGHTING EQUIPMENT	547.801
			ADDITIONAL EQUIPMENT REQUIREMENTS	
Chrome ATC	Chrome	Texas	FOR SLOW-MOVING VEHICLES	547.703
Chrome ATC	Chrome	Texas	RECORDING DEVICES	547.615
Chrome ATC	Chrome	Texas	RESTRICTIONS ON USE AND SALE OF TIRES	547.612
			MINIMUM LIGHTING EQUIPMENT	
NULL	Molina	Texas	REQUIRED	547.326
			MULTIPLE-BEAM LIGHTING EQUIPMENT	
NULL	Molina	Texas	REQUIRED	547.333
NULL	Molina	Texas	PARKING BRAKES REQUIRED	547.404
NULL	Molina	Texas	EMERGENCY BRAKES REQUIRED	547.405
			BRAKE RESERVOIR OR RESERVE CAPACITY	
NULL	Molina	Texas	REQUIRED	547.406
NULL	Molina	Texas	BRAKE WARNING DEVICES REQUIRED	547.407
NULL	Molina	Texas	VISIBLE WARNING DEVICES REQUIRED	547.502
NULL	Molina	Texas	MIRRORS REQUIRED	547.602
NULL	Molina	Texas	WINDSHIELD WIPERS REQUIRED	547.603
NULL	Molina	Texas	MUFFLER REQUIRED	547.604
NULL	Molina	Texas	EMISSION SYSTEMS REQUIRED	547.605
			SAFE AIR-CONDITIONING EQUIPMENT	
NULL	Molina	Texas	REQUIRED	547.61
NULL	Molina	Texas	RESTRICTIONS ON WINDOWS	547.613
NULL	Molina	Texas	RESTRICTIONS ON AIRBAGS	547.614
NULL	Molina	Texas	RADAR INTERFERENCE DEVICES; OFFENSE	547.616
NULL	Molina	Texas	BRAKE EQUIPMENT	547.802
NULL	Molina	Texas	LIGHTING EQUIPMENT	547.801
			ADDITIONAL EQUIPMENT REQUIREMENTS	
NULL	Molina	Texas	FOR SLOW-MOVING VEHICLES	547.703
NULL	Molina	Texas	RECORDING DEVICES	547.615
NULL	Molina	Texas	RESTRICTIONS ON USE AND SALE OF TIRES	547.612
			MINIMUM LIGHTING EQUIPMENT	
NULL	Stair	Texas	REQUIRED	547.326
			MULTIPLE-BEAM LIGHTING EQUIPMENT	
NULL	Stair	Texas	REQUIRED	547.333
NULL	Stair	Texas	PARKING BRAKES REQUIRED	547.404
NULL	Stair	Texas	EMERGENCY BRAKES REQUIRED	547.405
			BRAKE RESERVOIR OR RESERVE CAPACITY	
NULL	Stair	Texas	REQUIRED	547.406
NULL	Stair	Texas	BRAKE WARNING DEVICES REQUIRED	547.407
NULL	Stair	Texas	VISIBLE WARNING DEVICES REQUIRED	547.502
NULL	Stair	Texas	MIRRORS REQUIRED	547.602
NULL	Stair	Texas	WINDSHIELD WIPERS REQUIRED	547.603
NULL	Stair	Texas	MUFFLER REQUIRED	547.604

NULL	Stair	Texas	EMISSION SYSTEMS REQUIRED SAFE AIR-CONDITIONING EQUIPMENT	547.605
NULL	Stair	Texas	REQUIRED	547.61
NULL	Stair	Texas	RESTRICTIONS ON WINDOWS	547.613
NULL	Stair	Texas	RESTRICTIONS ON AIRBAGS	547.614
NULL	Stair	Texas	RADAR INTERFERENCE DEVICES; OFFENSE	547.616
NULL	Stair	Texas	BRAKE EQUIPMENT	547.802
NULL	Stair	Texas	LIGHTING EQUIPMENT	547.801
			ADDITIONAL EQUIPMENT REQUIREMENTS	
NULL	Stair	Texas	FOR SLOW-MOVING VEHICLES	547.703
NULL	Stair	Texas	RECORDING DEVICES	547.615
NULL	Stair	Texas	RESTRICTIONS ON USE AND SALE OF TIRES	547.612
	V		MINIMUM LIGHTING EQUIPMENT	
Circle V Trucking	Trucking	Texas	REQUIRED	547.326
	V		MULTIPLE-BEAM LIGHTING EQUIPMENT	
Circle V Trucking	Trucking	Texas	REQUIRED	547.333
	V			
Circle V Trucking	Trucking	Texas	PARKING BRAKES REQUIRED	547.404
	V			
Circle V Trucking	Trucking	Texas	EMERGENCY BRAKES REQUIRED	547.405
	V		BRAKE RESERVOIR OR RESERVE CAPACITY	
Circle V Trucking	Trucking	Texas	REQUIRED	547.406
	V			
Circle V Trucking	Trucking	Texas	BRAKE WARNING DEVICES REQUIRED	547.407
	V			
Circle V Trucking	Trucking	Texas	VISIBLE WARNING DEVICES REQUIRED	547.502
	V			
Circle V Trucking	Trucking	Texas	MIRRORS REQUIRED	547.602
	V			
Circle V Trucking	Trucking	Texas	WINDSHIELD WIPERS REQUIRED	547.603
	V			
Circle V Trucking	Trucking	Texas	MUFFLER REQUIRED	547.604
	V			
Circle V Trucking	Trucking	Texas	EMISSION SYSTEMS REQUIRED	547.605
	V		SAFE AIR-CONDITIONING EQUIPMENT	
Circle V Trucking	Trucking	Texas	REQUIRED	547.61
	V			
Circle V Trucking	Trucking	Texas	RESTRICTIONS ON WINDOWS	547.613
	V			
Circle V Trucking	Trucking	Texas	RESTRICTIONS ON AIRBAGS	547.614
	V			
Circle V Trucking	Trucking	Texas	RADAR INTERFERENCE DEVICES; OFFENSE	547.616
	V			
Circle V Trucking	Trucking	Texas	BRAKE EQUIPMENT	547.802

Circle V Trucking	V Trucking	Texas	LIGHTING EQUIPMENT	547.801
Circle V Trucking	V Trucking	Texas	ADDITIONAL EQUIPMENT REQUIREMENTS FOR SLOW-MOVING VEHICLES	547.703
Circle V Trucking	V Trucking	Texas	RECORDING DEVICES	547.615
Circle V Trucking	V Trucking	Texas	RESTRICTIONS ON USE AND SALE OF TIRES MINIMUM LIGHTING EQUIPMENT	547.612
Rush Truck-Austin	Rush	Texas	REQUIRED MULTIPLE-BEAM LIGHTING EQUIPMENT	547.326
Rush Truck-Austin	Rush	Texas	REQUIRED	547.333
Rush Truck-Austin	Rush	Texas	PARKING BRAKES REQUIRED	547.404
Rush Truck-Austin	Rush	Texas	EMERGENCY BRAKES REQUIRED BRAKE RESERVOIR OR RESERVE CAPACITY	547.405
Rush Truck-Austin	Rush	Texas	REQUIRED	547.406
Rush Truck-Austin	Rush	Texas	BRAKE WARNING DEVICES REQUIRED	547.407
Rush Truck-Austin	Rush	Texas	VISIBLE WARNING DEVICES REQUIRED	547.502
Rush Truck-Austin	Rush	Texas	MIRRORS REQUIRED	547.602
Rush Truck-Austin	Rush	Texas	WINDSHIELD WIPERS REQUIRED	547.603
Rush Truck-Austin	Rush	Texas	MUFFLER REQUIRED	547.604
Rush Truck-Austin	Rush	Texas	EMISSION SYSTEMS REQUIRED SAFE AIR-CONDITIONING EQUIPMENT	547.605
Rush Truck-Austin	Rush	Texas	REQUIRED	547.61
Rush Truck-Austin	Rush	Texas	RESTRICTIONS ON WINDOWS	547.613
Rush Truck-Austin	Rush	Texas	RESTRICTIONS ON AIRBAGS	547.614
Rush Truck-Austin	Rush	Texas	RADAR INTERFERENCE DEVICES; OFFENSE	547.616
Rush Truck-Austin	Rush	Texas	BRAKE EQUIPMENT	547.802
Rush Truck-Austin	Rush	Texas	LIGHTING EQUIPMENT ADDITIONAL EQUIPMENT REQUIREMENTS	547.801
Rush Truck-Austin	Rush	Texas	FOR SLOW-MOVING VEHICLES	547.703
Rush Truck-Austin	Rush	Texas	RECORDING DEVICES	547.615
Rush Truck-Austin	Rush	Texas	RESTRICTIONS ON USE AND SALE OF TIRES	547.612
Headway Oilfield Service	Oilfield Service	Texas	MINIMUM LIGHTING EQUIPMENT REQUIRED	547.326
Headway Oilfield Service	Oilfield Service	Texas	MULTIPLE-BEAM LIGHTING EQUIPMENT REQUIRED	547.333
Headway Oilfield Service	Oilfield Service	Texas	PARKING BRAKES REQUIRED	547.404
Headway Oilfield Service	Oilfield Service	Texas	EMERGENCY BRAKES REQUIRED BRAKE RESERVOIR OR RESERVE CAPACITY	547.405
Headway Oilfield Service	Oilfield Service	Texas	REQUIRED	547.406

Headway Oilfield Service	Oilfield Service	Texas	BRAKE WARNING DEVICES REQUIRED	547.407
Headway Oilfield Service	Oilfield Service	Texas	VISIBLE WARNING DEVICES REQUIRED	547.502
Headway Oilfield Service	Oilfield Service	Texas	MIRRORS REQUIRED	547.602
Headway Oilfield Service	Oilfield Service	Texas	WINDSHIELD WIPERS REQUIRED	547.603
Headway Oilfield Service	Oilfield Service	Texas	MUFFLER REQUIRED	547.604
Headway Oilfield Service	Oilfield Service	Texas	EMISSION SYSTEMS REQUIRED	547.605
Headway Oilfield Service	Oilfield Service	Texas	SAFE AIR-CONDITIONING EQUIPMENT REQUIRED	547.61
Headway Oilfield Service	Oilfield Service	Texas	RESTRICTIONS ON WINDOWS	547.613
Headway Oilfield Service	Oilfield Service	Texas	RESTRICTIONS ON AIRBAGS	547.614
Headway Oilfield Service	Oilfield Service	Texas	RADAR INTERFERENCE DEVICES; OFFENSE	547.616
Headway Oilfield Service	Oilfield Service	Texas	BRAKE EQUIPMENT	547.802
Headway Oilfield Service	Oilfield Service	Texas	LIGHTING EQUIPMENT	547.801
Headway Oilfield Service	Oilfield Service	Texas	ADDITIONAL EQUIPMENT REQUIREMENTS FOR SLOW-MOVING VEHICLES	547.703
Headway Oilfield Service	Oilfield Service	Texas	RECORDING DEVICES	547.615
Headway Oilfield Service	Oilfield Service	Texas	RESTRICTIONS ON USE AND SALE OF TIRES	547.612
Paul Stroup Custom Dozing	Stroup	Texas	MINIMUM LIGHTING EQUIPMENT REQUIRED	547.326
Paul Stroup Custom Dozing	Stroup	Texas	MULTIPLE-BEAM LIGHTING EQUIPMENT REQUIRED	547.333
Paul Stroup Custom Dozing	Stroup	Texas	PARKING BRAKES REQUIRED	547.404
Paul Stroup Custom Dozing	Stroup	Texas	EMERGENCY BRAKES REQUIRED	547.405
Paul Stroup Custom Dozing	Stroup	Texas	BRAKE RESERVOIR OR RESERVE CAPACITY REQUIRED	547.406
Paul Stroup Custom Dozing	Stroup	Texas	BRAKE WARNING DEVICES REQUIRED	547.407
Paul Stroup Custom Dozing	Stroup	Texas	VISIBLE WARNING DEVICES REQUIRED	547.502

Paul Stroup				
Custom Dozing	Stroup	Texas	MIRRORS REQUIRED	547.602
Paul Stroup				
Custom Dozing	Stroup	Texas	WINDSHIELD WIPERS REQUIRED	547.603
Paul Stroup				
Custom Dozing	Stroup	Texas	MUFFLER REQUIRED	547.604
Paul Stroup				
Custom Dozing	Stroup	Texas	EMISSION SYSTEMS REQUIRED	547.605
Paul Stroup			SAFE AIR-CONDITIONING EQUIPMENT	
Custom Dozing	Stroup	Texas	REQUIRED	547.61
Paul Stroup				
Custom Dozing	Stroup	Texas	RESTRICTIONS ON WINDOWS	547.613
Paul Stroup				
Custom Dozing	Stroup	Texas	RESTRICTIONS ON AIRBAGS	547.614
Paul Stroup				
Custom Dozing	Stroup	Texas	RADAR INTERFERENCE DEVICES; OFFENSE	547.616
Paul Stroup				
Custom Dozing	Stroup	Texas	BRAKE EQUIPMENT	547.802
Paul Stroup				
Custom Dozing	Stroup	Texas	LIGHTING EQUIPMENT	547.801
Paul Stroup			ADDITIONAL EQUIPMENT REQUIREMENTS	
Custom Dozing	Stroup	Texas	FOR SLOW-MOVING VEHICLES	547.703
Paul Stroup				
Custom Dozing	Stroup	Texas	RECORDING DEVICES	547.615
Paul Stroup				
Custom Dozing	Stroup	Texas	RESTRICTIONS ON USE AND SALE OF TIRES	547.612
	Ramirez		MINIMUM LIGHTING EQUIPMENT	
NULL	Saldana	Texas	REQUIRED	547.326
	Ramirez		MULTIPLE-BEAM LIGHTING EQUIPMENT	
NULL	Saldana	Texas	REQUIRED	547.333
	Ramirez			
NULL	Saldana	Texas	PARKING BRAKES REQUIRED	547.404
	Ramirez			
NULL	Saldana	Texas	EMERGENCY BRAKES REQUIRED	547.405
	Ramirez		BRAKE RESERVOIR OR RESERVE CAPACITY	
NULL	Saldana	Texas	REQUIRED	547.406
	Ramirez			
NULL	Saldana	Texas	BRAKE WARNING DEVICES REQUIRED	547.407
	Ramirez			
NULL	Saldana	Texas	VISIBLE WARNING DEVICES REQUIRED	547.502
	Ramirez			
NULL	Saldana	Texas	MIRRORS REQUIRED	547.602
	Ramirez			
NULL	Saldana	Texas	WINDSHIELD WIPERS REQUIRED	547.603

NULL	Ramirez Saldana	Texas	MUFFLER REQUIRED	547.604
NULL	Ramirez Saldana	Texas	EMISSION SYSTEMS REQUIRED	547.605
NULL	Ramirez Saldana	Texas	SAFE AIR-CONDITIONING EQUIPMENT REQUIRED	547.61
NULL	Ramirez Saldana	Texas	RESTRICTIONS ON WINDOWS	547.613
NULL	Ramirez Saldana	Texas	RESTRICTIONS ON AIRBAGS	547.614
NULL	Ramirez Saldana	Texas	RADAR INTERFERENCE DEVICES; OFFENSE	547.616
NULL	Ramirez Saldana	Texas	BRAKE EQUIPMENT	547.802
NULL	Ramirez Saldana	Texas	LIGHTING EQUIPMENT	547.801
NULL	Ramirez Saldana	Texas	ADDITIONAL EQUIPMENT REQUIREMENTS FOR SLOW-MOVING VEHICLES	547.703
NULL	Ramirez Saldana	Texas	RECORDING DEVICES	547.615
NULL	Ramirez Saldana	Texas	RESTRICTIONS ON USE AND SALE OF TIRES MINIMUM LIGHTING EQUIPMENT	547.612
NULL	Thomas	Texas	REQUIRED MULTIPLE-BEAM LIGHTING EQUIPMENT	547.326
NULL	Thomas	Texas	REQUIRED	547.333
NULL	Thomas	Texas	PARKING BRAKES REQUIRED	547.404
NULL	Thomas	Texas	EMERGENCY BRAKES REQUIRED BRAKE RESERVOIR OR RESERVE CAPACITY	547.405
NULL	Thomas	Texas	REQUIRED	547.406
NULL	Thomas	Texas	BRAKE WARNING DEVICES REQUIRED	547.407
NULL	Thomas	Texas	VISIBLE WARNING DEVICES REQUIRED	547.502
NULL	Thomas	Texas	MIRRORS REQUIRED	547.602
NULL	Thomas	Texas	WINDSHIELD WIPERS REQUIRED	547.603
NULL	Thomas	Texas	MUFFLER REQUIRED	547.604
NULL	Thomas	Texas	EMISSION SYSTEMS REQUIRED SAFE AIR-CONDITIONING EQUIPMENT	547.605
NULL	Thomas	Texas	REQUIRED	547.61
NULL	Thomas	Texas	RESTRICTIONS ON WINDOWS	547.613
NULL	Thomas	Texas	RESTRICTIONS ON AIRBAGS	547.614
NULL	Thomas	Texas	RADAR INTERFERENCE DEVICES; OFFENSE	547.616
NULL	Thomas	Texas	BRAKE EQUIPMENT	547.802
NULL	Thomas	Texas	LIGHTING EQUIPMENT	547.801

			ADDITIONAL EQUIPMENT REQUIREMENTS	
NULL	Thomas	Texas	FOR SLOW-MOVING VEHICLES	547.703
NULL	Thomas	Texas	RECORDING DEVICES	547.615
NULL	Thomas	Texas	RESTRICTIONS ON USE AND SALE OF TIRES	547.612
Performance	Truck of		MINIMUM LIGHTING EQUIPMENT	
Truck of Houston	Houston	Texas	REQUIRED	547.326
Performance	Truck of		MULTIPLE-BEAM LIGHTING EQUIPMENT	
Truck of Houston	Houston	Texas	REQUIRED	547.333
Performance	Truck of			
Truck of Houston	Houston	Texas	PARKING BRAKES REQUIRED	547.404
Performance	Truck of			
Truck of Houston	Houston	Texas	EMERGENCY BRAKES REQUIRED	547.405
Performance	Truck of		BRAKE RESERVOIR OR RESERVE CAPACITY	
Truck of Houston	Houston	Texas	REQUIRED	547.406
Performance	Truck of			
Truck of Houston	Houston	Texas	BRAKE WARNING DEVICES REQUIRED	547.407
Performance	Truck of			
Truck of Houston	Houston	Texas	VISIBLE WARNING DEVICES REQUIRED	547.502
Performance	Truck of			
Truck of Houston	Houston	Texas	MIRRORS REQUIRED	547.602
Performance	Truck of			
Truck of Houston	Houston	Texas	WINDSHIELD WIPERS REQUIRED	547.603
Performance	Truck of			
Truck of Houston	Houston	Texas	MUFFLER REQUIRED	547.604
Performance	Truck of			
Truck of Houston	Houston	Texas	EMISSION SYSTEMS REQUIRED	547.605
Performance	Truck of		SAFE AIR-CONDITIONING EQUIPMENT	
Truck of Houston	Houston	Texas	REQUIRED	547.61
Performance	Truck of			
Truck of Houston	Houston	Texas	RESTRICTIONS ON WINDOWS	547.613
Performance	Truck of			
Truck of Houston	Houston	Texas	RESTRICTIONS ON AIRBAGS	547.614
Performance	Truck of			
Truck of Houston	Houston	Texas	RADAR INTERFERENCE DEVICES; OFFENSE	547.616
Performance	Truck of			
Truck of Houston	Houston	Texas	BRAKE EQUIPMENT	547.802
Performance	Truck of			
Truck of Houston	Houston	Texas	LIGHTING EQUIPMENT	547.801
Performance	Truck of		ADDITIONAL EQUIPMENT REQUIREMENTS	
Truck of Houston	Houston	Texas	FOR SLOW-MOVING VEHICLES	547.703
Performance	Truck of			
Truck of Houston	Houston	Texas	RECORDING DEVICES	547.615
Performance	Truck of			
Truck of Houston	Houston	Texas	RESTRICTIONS ON USE AND SALE OF TIRES	547.612

Clifton Chevrolet	D	Texas	MINIMUM LIGHTING EQUIPMENT REQUIRED	547.326
Clifton Chevrolet	D	Texas	MULTIPLE-BEAM LIGHTING EQUIPMENT REQUIRED	547.333
Clifton Chevrolet	D	Texas	PARKING BRAKES REQUIRED	547.404
Clifton Chevrolet	D	Texas	EMERGENCY BRAKES REQUIRED	547.405
Clifton Chevrolet	D	Texas	BRAKE RESERVOIR OR RESERVE CAPACITY REQUIRED	547.406
Clifton Chevrolet	D	Texas	BRAKE WARNING DEVICES REQUIRED	547.407
Clifton Chevrolet	D	Texas	VISIBLE WARNING DEVICES REQUIRED	547.502
Clifton Chevrolet	D	Texas	MIRRORS REQUIRED	547.602
Clifton Chevrolet	D	Texas	WINDSHIELD WIPERS REQUIRED	547.603
Clifton Chevrolet	D	Texas	MUFFLER REQUIRED	547.604
Clifton Chevrolet	D	Texas	EMISSION SYSTEMS REQUIRED	547.605
Clifton Chevrolet	D	Texas	SAFE AIR-CONDITIONING EQUIPMENT REQUIRED	547.61
Clifton Chevrolet	D	Texas	RESTRICTIONS ON WINDOWS	547.613
Clifton Chevrolet	D	Texas	RESTRICTIONS ON AIRBAGS	547.614
Clifton Chevrolet	D	Texas	RADAR INTERFERENCE DEVICES; OFFENSE	547.616
Clifton Chevrolet	D	Texas	BRAKE EQUIPMENT	547.802
Clifton Chevrolet	D	Texas	LIGHTING EQUIPMENT	547.801
Clifton Chevrolet	D	Texas	ADDITIONAL EQUIPMENT REQUIREMENTS FOR SLOW-MOVING VEHICLES	547.703
Clifton Chevrolet	D	Texas	RECORDING DEVICES	547.615
Clifton Chevrolet	D	Texas	RESTRICTIONS ON USE AND SALE OF TIRES	547.612
Jag Trucking	Trucking	Texas	MINIMUM LIGHTING EQUIPMENT REQUIRED	547.326
Jag Trucking	Trucking	Texas	MULTIPLE-BEAM LIGHTING EQUIPMENT REQUIRED	547.333
Jag Trucking	Trucking	Texas	PARKING BRAKES REQUIRED	547.404
Jag Trucking	Trucking	Texas	EMERGENCY BRAKES REQUIRED	547.405
Jag Trucking	Trucking	Texas	BRAKE RESERVOIR OR RESERVE CAPACITY REQUIRED	547.406
Jag Trucking	Trucking	Texas	BRAKE WARNING DEVICES REQUIRED	547.407
Jag Trucking	Trucking	Texas	VISIBLE WARNING DEVICES REQUIRED	547.502
Jag Trucking	Trucking	Texas	MIRRORS REQUIRED	547.602
Jag Trucking	Trucking	Texas	WINDSHIELD WIPERS REQUIRED	547.603
Jag Trucking	Trucking	Texas	MUFFLER REQUIRED	547.604
Jag Trucking	Trucking	Texas	EMISSION SYSTEMS REQUIRED	547.605
Jag Trucking	Trucking	Texas	SAFE AIR-CONDITIONING EQUIPMENT REQUIRED	547.61
Jag Trucking	Trucking	Texas	RESTRICTIONS ON WINDOWS	547.613
Jag Trucking	Trucking	Texas	RESTRICTIONS ON AIRBAGS	547.614

Jag Trucking	Trucking	Texas	RADAR INTERFERENCE DEVICES; OFFENSE	547.616
Jag Trucking	Trucking	Texas	BRAKE EQUIPMENT	547.802
Jag Trucking	Trucking	Texas	LIGHTING EQUIPMENT	547.801
			ADDITIONAL EQUIPMENT REQUIREMENTS	
Jag Trucking	Trucking	Texas	FOR SLOW-MOVING VEHICLES	547.703
Jag Trucking	Trucking	Texas	RECORDING DEVICES	547.615
Jag Trucking	Trucking	Texas	RESTRICTIONS ON USE AND SALE OF TIRES	547.612
	Rigobert		MINIMUM LIGHTING EQUIPMENT	
NULL	o	Texas	REQUIRED	547.326
	Rigobert		MULTIPLE-BEAM LIGHTING EQUIPMENT	
NULL	o	Texas	REQUIRED	547.333
	Rigobert			
NULL	o	Texas	PARKING BRAKES REQUIRED	547.404
	Rigobert			
NULL	o	Texas	EMERGENCY BRAKES REQUIRED	547.405
	Rigobert		BRAKE RESERVOIR OR RESERVE CAPACITY	
NULL	o	Texas	REQUIRED	547.406
	Rigobert			
NULL	o	Texas	BRAKE WARNING DEVICES REQUIRED	547.407
	Rigobert			
NULL	o	Texas	VISIBLE WARNING DEVICES REQUIRED	547.502
	Rigobert			
NULL	o	Texas	MIRRORS REQUIRED	547.602
	Rigobert			
NULL	o	Texas	WINDSHIELD WIPERS REQUIRED	547.603
	Rigobert			
NULL	o	Texas	MUFFLER REQUIRED	547.604
	Rigobert			
NULL	o	Texas	EMISSION SYSTEMS REQUIRED	547.605
	Rigobert		SAFE AIR-CONDITIONING EQUIPMENT	
NULL	o	Texas	REQUIRED	547.61
	Rigobert			
NULL	o	Texas	RESTRICTIONS ON WINDOWS	547.613
	Rigobert			
NULL	o	Texas	RESTRICTIONS ON AIRBAGS	547.614
	Rigobert			
NULL	o	Texas	RADAR INTERFERENCE DEVICES; OFFENSE	547.616
	Rigobert			
NULL	o	Texas	BRAKE EQUIPMENT	547.802
	Rigobert			
NULL	o	Texas	LIGHTING EQUIPMENT	547.801
	Rigobert		ADDITIONAL EQUIPMENT REQUIREMENTS	
NULL	o	Texas	FOR SLOW-MOVING VEHICLES	547.703

NULL	Rigoberto	Texas	RECORDING DEVICES	547.615
NULL	Rigoberto	Texas	RESTRICTIONS ON USE AND SALE OF TIRES	547.612
NULL	Murica	Texas	MINIMUM LIGHTING EQUIPMENT	
NULL	Murica	Texas	REQUIRED	547.326
NULL	Murica	Texas	MULTIPLE-BEAM LIGHTING EQUIPMENT	
NULL	Murica	Texas	REQUIRED	547.333
NULL	Murica	Texas	PARKING BRAKES REQUIRED	547.404
NULL	Murica	Texas	EMERGENCY BRAKES REQUIRED	547.405
NULL	Murica	Texas	BRAKE RESERVOIR OR RESERVE CAPACITY	
NULL	Murica	Texas	REQUIRED	547.406
NULL	Murica	Texas	BRAKE WARNING DEVICES REQUIRED	547.407
NULL	Murica	Texas	VISIBLE WARNING DEVICES REQUIRED	547.502
NULL	Murica	Texas	MIRRORS REQUIRED	547.602
NULL	Murica	Texas	WINDSHIELD WIPERS REQUIRED	547.603
NULL	Murica	Texas	MUFFLER REQUIRED	547.604
NULL	Murica	Texas	EMISSION SYSTEMS REQUIRED	547.605
NULL	Murica	Texas	SAFE AIR-CONDITIONING EQUIPMENT	
NULL	Murica	Texas	REQUIRED	547.61
NULL	Murica	Texas	RESTRICTIONS ON WINDOWS	547.613
NULL	Murica	Texas	RESTRICTIONS ON AIRBAGS	547.614
NULL	Murica	Texas	RADAR INTERFERENCE DEVICES; OFFENSE	547.616
NULL	Murica	Texas	BRAKE EQUIPMENT	547.802
NULL	Murica	Texas	LIGHTING EQUIPMENT	547.801
NULL	Murica	Texas	ADDITIONAL EQUIPMENT REQUIREMENTS	
NULL	Murica	Texas	FOR SLOW-MOVING VEHICLES	547.703
NULL	Murica	Texas	RECORDING DEVICES	547.615
NULL	Murica	Texas	RESTRICTIONS ON USE AND SALE OF TIRES	547.612
Rush Truck-San Antonio	Rush	Texas	MINIMUM LIGHTING EQUIPMENT	
Rush Truck-San Antonio	Rush	Texas	REQUIRED	547.326
Rush Truck-San Antonio	Rush	Texas	MULTIPLE-BEAM LIGHTING EQUIPMENT	
Rush Truck-San Antonio	Rush	Texas	REQUIRED	547.333
Rush Truck-San Antonio	Rush	Texas	PARKING BRAKES REQUIRED	547.404
Rush Truck-San Antonio	Rush	Texas	EMERGENCY BRAKES REQUIRED	547.405
Rush Truck-San Antonio	Rush	Texas	BRAKE RESERVOIR OR RESERVE CAPACITY	
Rush Truck-San Antonio	Rush	Texas	REQUIRED	547.406
Rush Truck-San Antonio	Rush	Texas	BRAKE WARNING DEVICES REQUIRED	547.407
Rush Truck-San Antonio	Rush	Texas	VISIBLE WARNING DEVICES REQUIRED	547.502

Rush Truck-San Antonio	Rush	Texas	MIRRORS REQUIRED	547.602
Rush Truck-San Antonio	Rush	Texas	WINDSHIELD WIPERS REQUIRED	547.603
Rush Truck-San Antonio	Rush	Texas	MUFFLER REQUIRED	547.604
Rush Truck-San Antonio	Rush	Texas	EMISSION SYSTEMS REQUIRED	547.605
Rush Truck-San Antonio	Rush	Texas	SAFE AIR-CONDITIONING EQUIPMENT REQUIRED	547.61
Rush Truck-San Antonio	Rush	Texas	RESTRICTIONS ON WINDOWS	547.613
Rush Truck-San Antonio	Rush	Texas	RESTRICTIONS ON AIRBAGS	547.614
Rush Truck-San Antonio	Rush	Texas	RADAR INTERFERENCE DEVICES; OFFENSE	547.616
Rush Truck-San Antonio	Rush	Texas	BRAKE EQUIPMENT	547.802
Rush Truck-San Antonio	Rush	Texas	LIGHTING EQUIPMENT	547.801
Rush Truck-San Antonio	Rush	Texas	ADDITIONAL EQUIPMENT REQUIREMENTS FOR SLOW-MOVING VEHICLES	547.703
Rush Truck-San Antonio	Rush	Texas	RECORDING DEVICES	547.615
Rush Truck-San Antonio	Rush	Texas	RESTRICTIONS ON USE AND SALE OF TIRES	547.612
AB Trucking	Lopez	Texas	MINIMUM LIGHTING EQUIPMENT REQUIRED	547.326
AB Trucking	Lopez	Texas	MULTIPLE-BEAM LIGHTING EQUIPMENT REQUIRED	547.333
AB Trucking	Lopez	Texas	PARKING BRAKES REQUIRED	547.404
AB Trucking	Lopez	Texas	EMERGENCY BRAKES REQUIRED	547.405
AB Trucking	Lopez	Texas	BRAKE RESERVOIR OR RESERVE CAPACITY REQUIRED	547.406
AB Trucking	Lopez	Texas	BRAKE WARNING DEVICES REQUIRED	547.407
AB Trucking	Lopez	Texas	VISIBLE WARNING DEVICES REQUIRED	547.502
AB Trucking	Lopez	Texas	MIRRORS REQUIRED	547.602
AB Trucking	Lopez	Texas	WINDSHIELD WIPERS REQUIRED	547.603
AB Trucking	Lopez	Texas	MUFFLER REQUIRED	547.604
AB Trucking	Lopez	Texas	EMISSION SYSTEMS REQUIRED	547.605
AB Trucking	Lopez	Texas	SAFE AIR-CONDITIONING EQUIPMENT REQUIRED	547.61
AB Trucking	Lopez	Texas	RESTRICTIONS ON WINDOWS	547.613

AB Trucking	Lopez	Texas	RESTRICTIONS ON AIRBAGS	547.614
AB Trucking	Lopez	Texas	RADAR INTERFERENCE DEVICES; OFFENSE	547.616
AB Trucking	Lopez	Texas	BRAKE EQUIPMENT	547.802
AB Trucking	Lopez	Texas	LIGHTING EQUIPMENT	547.801
			ADDITIONAL EQUIPMENT REQUIREMENTS	
AB Trucking	Lopez	Texas	FOR SLOW-MOVING VEHICLES	547.703
AB Trucking	Lopez	Texas	RECORDING DEVICES	547.615
AB Trucking	Lopez	Texas	RESTRICTIONS ON USE AND SALE OF TIRES	547.612
			MINIMUM LIGHTING EQUIPMENT	
Larrett Inc	Larret	Texas	REQUIRED	547.326
			MULTIPLE-BEAM LIGHTING EQUIPMENT	
Larrett Inc	Larret	Texas	REQUIRED	547.333
Larrett Inc	Larret	Texas	PARKING BRAKES REQUIRED	547.404
Larrett Inc	Larret	Texas	EMERGENCY BRAKES REQUIRED	547.405
			BRAKE RESERVOIR OR RESERVE CAPACITY	
Larrett Inc	Larret	Texas	REQUIRED	547.406
Larrett Inc	Larret	Texas	BRAKE WARNING DEVICES REQUIRED	547.407
Larrett Inc	Larret	Texas	VISIBLE WARNING DEVICES REQUIRED	547.502
Larrett Inc	Larret	Texas	MIRRORS REQUIRED	547.602
Larrett Inc	Larret	Texas	WINDSHIELD WIPERS REQUIRED	547.603
Larrett Inc	Larret	Texas	MUFFLER REQUIRED	547.604
Larrett Inc	Larret	Texas	EMISSION SYSTEMS REQUIRED	547.605
			SAFE AIR-CONDITIONING EQUIPMENT	
Larrett Inc	Larret	Texas	REQUIRED	547.61
Larrett Inc	Larret	Texas	RESTRICTIONS ON WINDOWS	547.613
Larrett Inc	Larret	Texas	RESTRICTIONS ON AIRBAGS	547.614
Larrett Inc	Larret	Texas	RADAR INTERFERENCE DEVICES; OFFENSE	547.616
Larrett Inc	Larret	Texas	BRAKE EQUIPMENT	547.802
Larrett Inc	Larret	Texas	LIGHTING EQUIPMENT	547.801
			ADDITIONAL EQUIPMENT REQUIREMENTS	
Larrett Inc	Larret	Texas	FOR SLOW-MOVING VEHICLES	547.703
Larrett Inc	Larret	Texas	RECORDING DEVICES	547.615
Larrett Inc	Larret	Texas	RESTRICTIONS ON USE AND SALE OF TIRES	547.612
			MINIMUM LIGHTING EQUIPMENT	
Rush Truck-Houston	Rush	Texas	REQUIRED	547.326
			MULTIPLE-BEAM LIGHTING EQUIPMENT	
Rush Truck-Houston	Rush	Texas	REQUIRED	547.333
Rush Truck-Houston	Rush	Texas	PARKING BRAKES REQUIRED	547.404
Rush Truck-Houston	Rush	Texas	EMERGENCY BRAKES REQUIRED	547.405
			BRAKE RESERVOIR OR RESERVE CAPACITY	
Rush Truck-Houston	Rush	Texas	REQUIRED	547.406

Rush Truck-Houston	Rush	Texas	BRAKE WARNING DEVICES REQUIRED	547.407
Rush Truck-Houston	Rush	Texas	VISIBLE WARNING DEVICES REQUIRED	547.502
Rush Truck-Houston	Rush	Texas	MIRRORS REQUIRED	547.602
Rush Truck-Houston	Rush	Texas	WINDSHIELD WIPERS REQUIRED	547.603
Rush Truck-Houston	Rush	Texas	MUFFLER REQUIRED	547.604
Rush Truck-Houston	Rush	Texas	EMISSION SYSTEMS REQUIRED	547.605
Rush Truck-Houston	Rush	Texas	SAFE AIR-CONDITIONING EQUIPMENT REQUIRED	547.61
Rush Truck-Houston	Rush	Texas	RESTRICTIONS ON WINDOWS	547.613
Rush Truck-Houston	Rush	Texas	RESTRICTIONS ON AIRBAGS	547.614
Rush Truck-Houston	Rush	Texas	RADAR INTERFERENCE DEVICES; OFFENSE	547.616
Rush Truck-Houston	Rush	Texas	BRAKE EQUIPMENT	547.802
Rush Truck-Houston	Rush	Texas	LIGHTING EQUIPMENT	547.801
Rush Truck-Houston	Rush	Texas	ADDITIONAL EQUIPMENT REQUIREMENTS FOR SLOW-MOVING VEHICLES	547.703
Rush Truck-Houston	Rush	Texas	RECORDING DEVICES	547.615
Rush Truck-Houston	Rush	Texas	RESTRICTIONS ON USE AND SALE OF TIRES	547.612

(Report 2)

Report Name: Amount owed by customer

Report Description: Lists customers who owe money as well as how much is owed.

Business Purpose: The client can use this report to view outstanding amounts due.

SQL CODE:

```
SELECT
CUSTOMER.CUSTOMER_ID AS "ID",
CUSTOMER.C_FNAME AS "First Name",
CUSTOMER.C_LNAME AS "Last Name",
SERVICE.SERVICE_TYPE AS "Service Type",
INVOICE.AMT_OWED AS "Amount owed",
SERVICE.DATE_START AS "Service date"
```

```

FROM CUSTOMER
JOIN INVOICE ON CUSTOMER.CUSTOMER_ID= INVOICE.CUSTOMER_ID
JOIN CUSTOMER_ORDER ON CUSTOMER.CUSTOMER_ID =
CUSTOMER_ORDER.CUSTOMER_ID
JOIN SERVICE_ORDER ON CUSTOMER_ORDER.SERVICE_ORDER_ID =
SERVICE_ORDER.SERVICE_ORDER_ID
JOIN SERVICE_LINE ON SERVICE_ORDER.SERVICE_ORDER_ID =
SERVICE_LINE.SERVICE_LINE_ID
JOIN SERVICE ON SERVICE_LINE.SERVICE_ID = SERVICE.SERVICE_ID

WHERE INVOICE.AMT_OWED > 0

```

Report/Query Results:

ID	First Name	Last Name	Service Type	Amount owed	Service date
			TRAILER		2019-01-04
3	NULL	Melesio	REPAIRS	825.08	00:00:00.000

(Report 3)

Report Name: Employees working on specific service

Report Description: Lists which employees are working on each active service.

Business Purpose: The client can use this report to view which employees are assigned to each service.

SQL CODE:

```

SELECT
EMPLOYEE.EMP_FNAME AS "First Name",
EMPLOYEE.EMP_LNAME AS "Last Name",
SERVICE.SERVICE_ID AS "Service ID",
SERVICE.SERVICE_TYPE AS "Service"

FROM EMPLOYEE
JOIN EMPLOYEE_SERVICE_LINE_ASSIGNMENT
ON EMPLOYEE.EMPLOYEE_ID =
EMPLOYEE_SERVICE_LINE_ASSIGNMENT.EMPLOYEE_ID
JOIN SERVICE_LINE
ON EMPLOYEE_SERVICE_LINE_ASSIGNMENT.SERVICE_LINE_ID =
SERVICE_LINE.SERVICE_LINE_ID
JOIN SERVICE
ON SERVICE_LINE.SERVICE_ID = SERVICE.SERVICE_ID
JOIN SERVICE_STATUS
ON SERVICE.SERVICE_ID = SERVICE_STATUS.SERVICE_ID

```

WHERE SERVICE_STATUS.ACTIVE_ID = 2

ORDER BY SERVICE.SERVICE_ID

Report/Query Results:

First Name	Last Name	Service ID
Ricardo	Carabez	3
Ernesto	Alanis	4
Hector	Torres	5
Victor	Barron	6
Hector	Torres	7
Ricardo	Carabez	8
Omar	Bibriesca	9
Carlos	Avila	10
Ignacio	Martinez	20

(Report 4)

Report Name: Insurance Company associated with specific vehicle

Report Description: Lists which insurance companies are covering each customer vehicle.

Business Purpose: The client can use this report to quickly find out what insurance company to contact about a specific vehicle.

SQL CODE:

```
SELECT
VEHICLE.V_VIN AS "VIN",
VEHICLE.V_MAKE AS "Make",
VEHICLE.V_MODEL AS "Model",
VEHICLE.V_YEAR AS "Year",
INSURANCE_COMPANY.INSURANCE_NAME AS "Insurance"

FROM VEHICLE
JOIN VEHICLE_POLICY
ON VEHICLE.V_VIN = VEHICLE_POLICY.V_VIN
JOIN INSURANCE_POLICY
ON VEHICLE_POLICY.POLICY_ID = INSURANCE_POLICY.POLICY_ID
JOIN COMPANY_INSURANCE_POLICY
ON INSURANCE_POLICY.POLICY_ID = COMPANY_INSURANCE_POLICY.POLICY_ID
JOIN INSURANCE_COMPANY
ON COMPANY_INSURANCE_POLICY.POLICY_ID =
INSURANCE_COMPANY.INSURANCE_ID

ORDER BY VEHICLE.V_MAKE
```


Report/Query Results:

VIN	Make	Model	Year	Insurance
3N1CN7AP7FL826328	Ford	LCF	2007	Otterstedt
3N1CN7AP7FL826328	Ford	LCF	2007	Otterstedt
3N1CN7AP7FL826328	Ford	LCF	2007	Otterstedt
3N1CN7AP7FL826328	Ford	LCF	2007	Otterstedt
2G4WD532651270530	Freightliner	eM2	2016	Progressive
2G4WD532651270530	Freightliner	eM2	2016	Progressive
2G4WD532651270530	Freightliner	eM2	2016	Progressive
2G4WD532651270530	Freightliner	eM2	2016	Progressive
3GSCL33P68S652273	Freightliner	eM2	2015	Travelers
3GSCL33P68S652273	Freightliner	eM2	2015	Travelers
3GSCL33P68S652273	Freightliner	eM2	2015	Travelers
3GSCL33P68S652273	Freightliner	eM2	2015	Travelers
KNAFU5A27C5688952	Freightliner	eM2	2013	Berkshire
KNAFU5A27C5688952	Freightliner	eM2	2013	Berkshire
KNAFU5A27C5688952	Freightliner	eM2	2013	Berkshire
KNAFU5A27C5688952	Freightliner	eM2	2013	Berkshire
1FMFU20576LA76257	Freightliner	eM2	2012	Auto Owners
1FMFU20576LA76257	Freightliner	eM2	2012	Auto Owners
1FMFU20576LA76257	Freightliner	eM2	2012	Auto Owners
1FMFU20576LA76257	Freightliner	eM2	2012	Auto Owners
1N4AB41DXXC760684	Freightliner	eM2	2015	Seneca
1N4AB41DXXC760684	Freightliner	eM2	2015	Seneca
1N4AB41DXXC760684	Freightliner	eM2	2015	Seneca
1N4AL3AP7FN348114	Kenworth	T880	2010	Progressive
1N4AL3AP7FN348114	Kenworth	T880	2010	Progressive
1N4AL3AP7FN348114	Kenworth	T880	2010	Progressive
1N4AL3AP7FN348114	Kenworth	T880	2010	Progressive
1FCJE39H9LHB90581	Kenworth	K270E	2011	Allianz
1FCJE39H9LHB90581	Kenworth	K270E	2011	Allianz
1FCJE39H9LHB90581	Kenworth	K270E	2011	Allianz
1FDKE37S3VHB26425	Kenworth	T370	2013	Auto Owners
1FDKE37S3VHB26425	Kenworth	T370	2013	Auto Owners
1FDKE37S3VHB26425	Kenworth	T370	2013	Auto Owners
1FDKE37S3VHB26425	Kenworth	T370	2013	Auto Owners
1G4HP54K014129658	Kenworth	K270E	2019	Great Lakes
1G4HP54K014129658	Kenworth	K270E	2019	Great Lakes
1G4HP54K014129658	Kenworth	K270E	2019	Great Lakes
1VWBH7A34CC000747	Kenworth	T270	2016	Great Lakes
1VWBH7A34CC000747	Kenworth	T270	2016	Great Lakes
1VWBH7A34CC000747	Kenworth	T270	2016	Great Lakes

2A4RR5DG9BR730946	Kenworth	T880	2012	Great Lakes
2A4RR5DG9BR730946	Kenworth	T880	2012	Great Lakes
2A4RR5DG9BR730946	Kenworth	T880	2012	Great Lakes
2C3LA63H67H781387	Kenworth	T170	2019	Ace Hazmat
2C3LA63H67H781387	Kenworth	T170	2019	Ace Hazmat
2C3LA63H67H781387	Kenworth	T170	2019	Ace Hazmat
2C4RC1CG2CR171436	Kenworth	T880	2014	Ace Hazmat
2C4RC1CG2CR171436	Kenworth	T880	2014	Ace Hazmat
2C4RC1CG2CR171436	Kenworth	T880	2014	Ace Hazmat
2FMDK4JC4DBB89814	Kenworth	T170	2019	Auto Owners
2FMDK4JC4DBB89814	Kenworth	T170	2019	Auto Owners
2FMDK4JC4DBB89814	Kenworth	T170	2019	Auto Owners
2FMDK4JC4DBB89814	Kenworth	T170	2019	Auto Owners
1GBGC24R8XR717525	Kenworth	W900	2015	Ace Hazmat
1GBGC24R8XR717525	Kenworth	W900	2015	Ace Hazmat
1GBGC24R8XR717525	Kenworth	W900	2015	Ace Hazmat
1GCHK23U91F117999	Kenworth	T680	2011	Seneca
1GCHK23U91F117999	Kenworth	T680	2011	Seneca
1GCHK23U91F117999	Kenworth	T680	2011	Seneca
1GCRCPEA9CZ281529	Kenworth	W900L	2009	Travelers
1GCRCPEA9CZ281529	Kenworth	W900L	2009	Travelers
1GCRCPEA9CZ281529	Kenworth	W900L	2009	Travelers
1GCRCPEA9CZ281529	Kenworth	W900L	2009	Travelers
1GKFK16ZX4J375043	Kenworth	W900	2019	Ace Hazmat
1GKFK16ZX4J375043	Kenworth	W900	2019	Ace Hazmat
1GKFK16ZX4J375043	Kenworth	W900	2019	Ace Hazmat
1GNEC13T64R214542	Kenworth	T880	2013	Great Lakes
1GNEC13T64R214542	Kenworth	T880	2013	Great Lakes
1GNEC13T64R214542	Kenworth	T880	2013	Great Lakes
1GNSCBE05DR309007	Kenworth	K270E	2007	Allied World
1GNSCBE05DR309007	Kenworth	K270E	2007	Allied World
1GNSCBE05DR309007	Kenworth	K270E	2007	Allied World
1GNSCCE07BR355358	Kenworth	W900	2019	Allied World
1GNSCCE07BR355358	Kenworth	W900	2019	Allied World
1GNSCCE07BR355358	Kenworth	W900	2019	Allied World
1GNSCJE09DR285966	Kenworth	T880	2011	Otterstedt
1GNSCJE09DR285966	Kenworth	T880	2011	Otterstedt
1GNSCJE09DR285966	Kenworth	T880	2011	Otterstedt
1GNSCJE09DR285966	Kenworth	T880	2011	Otterstedt
1HGC5658WA121470	Kenworth	T680	2010	Berkshire
1HGC5658WA121470	Kenworth	T680	2010	Berkshire
1HGC5658WA121470	Kenworth	T680	2010	Berkshire
1HGC5658WA121470	Kenworth	T680	2010	Berkshire

1HGCR2F71DA276241	Kenworth	K270E	2019	Progressive
1HGCR2F71DA276241	Kenworth	K270E	2019	Progressive
1HGCR2F71DA276241	Kenworth	K270E	2019	Progressive
1HGCR2F71DA276241	Kenworth	K270E	2019	Progressive
1FMJU1J57BEF16835	Kenworth	T170	2019	Otterstedt
1FMJU1J57BEF16835	Kenworth	T170	2019	Otterstedt
1FMJU1J57BEF16835	Kenworth	T170	2019	Otterstedt
1FMJU1J57BEF16835	Kenworth	T170	2019	Otterstedt
1FTFW1EF5DFA79986	Kenworth	T270	2016	Ace Hazmat
1FTFW1EF5DFA79986	Kenworth	T270	2016	Ace Hazmat
1FTFW1EF5DFA79986	Kenworth	T270	2016	Ace Hazmat
1B7GL22X8WS527664	Kenworth	W900	2012	Great Lakes
1B7GL22X8WS527664	Kenworth	W900	2012	Great Lakes
1B7GL22X8WS527664	Kenworth	W900	2012	Great Lakes
1C3EL46X65N505015	Kenworth	T880	2011	Allianz
1C3EL46X65N505015	Kenworth	T880	2011	Allianz
1C3EL46X65N505015	Kenworth	T880	2011	Allianz
1C3EL55R92N382041	Kenworth	T680	2010	Allianz
1C3EL55R92N382041	Kenworth	T680	2010	Allianz
1C3EL55R92N382041	Kenworth	T680	2010	Allianz
1C6RR6GT9ES365442	Kenworth	T680	2020	Seneca
1C6RR6GT9ES365442	Kenworth	T680	2020	Seneca
1C6RR6GT9ES365442	Kenworth	T680	2020	Seneca
1C6RR7LM8ES473782	Kenworth	T370	2014	Progressive
1C6RR7LM8ES473782	Kenworth	T370	2014	Progressive
1C6RR7LM8ES473782	Kenworth	T370	2014	Progressive
1C6RR7LM8ES473782	Kenworth	T370	2014	Progressive
19XFA1F5XBE087240	Kenworth	W900L	2014	Great Lakes
19XFA1F5XBE087240	Kenworth	W900L	2014	Great Lakes
19XFA1F5XBE087240	Kenworth	W900L	2014	Great Lakes
19XFB2F55DE061070	Kenworth	W900	2015	Otterstedt
19XFB2F55DE061070	Kenworth	W900	2015	Otterstedt
19XFB2F55DE061070	Kenworth	W900	2015	Otterstedt
19XFB2F55DE061070	Kenworth	W900	2015	Otterstedt
1D7HU18298S536471	Kenworth	K370E	2009	Allianz
1D7HU18298S536471	Kenworth	K370E	2009	Allianz
1D7HU18298S536471	Kenworth	K370E	2009	Allianz
1D7RB1GPXAS185874	Kenworth	T370	2011	Auto Owners
1D7RB1GPXAS185874	Kenworth	T370	2011	Auto Owners
1D7RB1GPXAS185874	Kenworth	T370	2011	Auto Owners
1D7RB1GPXAS185874	Kenworth	T370	2011	Auto Owners
KNDJE723177340233	Kenworth	T680	2011	Berkshire
KNDJE723177340233	Kenworth	T680	2011	Berkshire

KNDJE723177340233	Kenworth	T680	2011	Berkshire
KNDJE723177340233	Kenworth	T680	2011	Berkshire
SALAA25425A337143	Kenworth	T370	2017	Auto Owners
SALAA25425A337143	Kenworth	T370	2017	Auto Owners
SALAA25425A337143	Kenworth	T370	2017	Auto Owners
SALAA25425A337143	Kenworth	T370	2017	Auto Owners
5FNYP3H28EB098129	Kenworth	T680	2018	Otterstedt
5FNYP3H28EB098129	Kenworth	T680	2018	Otterstedt
5FNYP3H28EB098129	Kenworth	T680	2018	Otterstedt
5FNYP3H28EB098129	Kenworth	T680	2018	Otterstedt
5XXGM4A75CG006305	Kenworth	K270E	2010	Otterstedt
5XXGM4A75CG006305	Kenworth	K270E	2010	Otterstedt
5XXGM4A75CG006305	Kenworth	K270E	2010	Otterstedt
5XXGM4A75CG006305	Kenworth	K270E	2010	Otterstedt
JM1CR293890323205	Kenworth	T880	2012	Seneca
JM1CR293890323205	Kenworth	T880	2012	Seneca
JM1CR293890323205	Kenworth	T880	2012	Seneca
3MZBM1L73FM114959	Kenworth	K370E	2020	Great Lakes
3MZBM1L73FM114959	Kenworth	K370E	2020	Great Lakes
3MZBM1L73FM114959	Kenworth	K370E	2020	Great Lakes
3N1AB6AP1AL632607	Kenworth	K370E	2012	Auto Owners
3N1AB6AP1AL632607	Kenworth	K370E	2012	Auto Owners
3N1AB6AP1AL632607	Kenworth	K370E	2012	Auto Owners
3N1AB6AP1AL632607	Kenworth	K370E	2012	Auto Owners
3N1AB6AP9CL737656	Kenworth	T880	2015	Ace Hazmat
3N1AB6AP9CL737656	Kenworth	T880	2015	Ace Hazmat
3N1AB6AP9CL737656	Kenworth	T880	2015	Ace Hazmat
4T4BF1FK0CR295850	Kenworth	W900L	2019	Great Lakes
4T4BF1FK0CR295850	Kenworth	W900L	2019	Great Lakes
4T4BF1FK0CR295850	Kenworth	W900L	2019	Great Lakes
4USBT33493LS81728	Kenworth	T270	2012	Allianz
4USBT33493LS81728	Kenworth	T270	2012	Allianz
4USBT33493LS81728	Kenworth	T270	2012	Allianz
5J8TB4H5XFL010719	Kenworth	W900	2011	Progressive
5J8TB4H5XFL010719	Kenworth	W900	2011	Progressive
5J8TB4H5XFL010719	Kenworth	W900	2011	Progressive
5J8TB4H5XFL010719	Kenworth	W900	2011	Progressive
5N1AA0NC2EN603445	Kenworth	W900L	2020	Berkshire
5N1AA0NC2EN603445	Kenworth	W900L	2020	Berkshire
5N1AA0NC2EN603445	Kenworth	W900L	2020	Berkshire
5N1AA0NC2EN603445	Kenworth	W900L	2020	Berkshire
5N1AR2MN5EC639066	Kenworth	W900L	2009	Berkshire
5N1AR2MN5EC639066	Kenworth	W900L	2009	Berkshire

5N1AR2MN5EC639066	Kenworth	W900L	2009	Berkshire
5N1AR2MN5EC639066	Kenworth	W900L	2009	Berkshire
5NPEB4AC7DH761732	Kenworth	T370	2014	Allianz
5NPEB4AC7DH761732	Kenworth	T370	2014	Allianz
5NPEB4AC7DH761732	Kenworth	T370	2014	Allianz
1N4AA51E09C843514	Kenworth	T680	2011	Progressive
1N4AA51E09C843514	Kenworth	T680	2011	Progressive
1N4AA51E09C843514	Kenworth	T680	2011	Progressive
1N4AA51E09C843514	Kenworth	T680	2011	Progressive
2T2GA31U84C045001	Kenworth	T370	2009	Ace Hazmat
2T2GA31U84C045001	Kenworth	T370	2009	Ace Hazmat
2T2GA31U84C045001	Kenworth	T370	2009	Ace Hazmat
3GCPKSE74DG113610	Kenworth	T370	2014	Seneca
3GCPKSE74DG113610	Kenworth	T370	2014	Seneca
3GCPKSE74DG113610	Kenworth	T370	2014	Seneca
2G61N5S34D9234666	Kenworth	W900	2009	Travelers
2G61N5S34D9234666	Kenworth	W900	2009	Travelers
2G61N5S34D9234666	Kenworth	W900	2009	Travelers
2G61N5S34D9234666	Kenworth	W900	2009	Travelers
3VW7T7AT4DM893975	Kenworth	T370	2009	Allianz
3VW7T7AT4DM893975	Kenworth	T370	2009	Allianz
3VW7T7AT4DM893975	Kenworth	T370	2009	Allianz
3VW7T7AT5DM873833	Kenworth	T370	2016	Otterstedt
3VW7T7AT5DM873833	Kenworth	T370	2016	Otterstedt
3VW7T7AT5DM873833	Kenworth	T370	2016	Otterstedt
3VW7T7AT5DM873833	Kenworth	T370	2016	Otterstedt
4E3AK54FXSE191774	Kenworth	K370E	2014	Seneca
4E3AK54FXSE191774	Kenworth	K370E	2014	Seneca
4E3AK54FXSE191774	Kenworth	K370E	2014	Seneca
4JGBB75E06A044143	Kenworth	K270E	2011	Allied World
4JGBB75E06A044143	Kenworth	K270E	2011	Allied World
4JGBB75E06A044143	Kenworth	K270E	2011	Allied World
4JGBF7BE5BA602135	Kenworth	T170	2019	Allied World
4JGBF7BE5BA602135	Kenworth	T170	2019	Allied World
4JGBF7BE5BA602135	Kenworth	T170	2019	Allied World
4S3BG6856W7636770	Kenworth	T370	2017	Great Lakes
4S3BG6856W7636770	Kenworth	T370	2017	Great Lakes
4S3BG6856W7636770	Kenworth	T370	2017	Great Lakes
JTNBF3EK9A3098931	Kenworth	W900L	2017	Progressive
JTNBF3EK9A3098931	Kenworth	W900L	2017	Progressive
JTNBF3EK9A3098931	Kenworth	W900L	2017	Progressive
JTNBF3EK9A3098931	Kenworth	W900L	2017	Progressive
KM8JUCAG9FU908109	Kenworth	T170	2019	Progressive

KM8JUCAG9FU908109	Kenworth	T170	2019	Progressive
KM8JUCAG9FU908109	Kenworth	T170	2019	Progressive
KM8JUCAG9FU908109	Kenworth	T170	2019	Progressive
KMHDH4AE2FU276480	Kenworth	T880	2015	Berkshire
KMHDH4AE2FU276480	Kenworth	T880	2015	Berkshire
KMHDH4AE2FU276480	Kenworth	T880	2015	Berkshire
KMHDH4AE2FU276480	Kenworth	T880	2015	Berkshire
WBAVA33557PG84279	Kenworth	W900	2019	Seneca
WBAVA33557PG84279	Kenworth	W900	2019	Seneca
WBAVA33557PG84279	Kenworth	W900	2019	Seneca
WDBJF65J3YB093912	Kenworth	T880	2006	Otterstedt
WDBJF65J3YB093912	Kenworth	T880	2006	Otterstedt
WDBJF65J3YB093912	Kenworth	T880	2006	Otterstedt
WDBJF65J3YB093912	Kenworth	T880	2006	Otterstedt
WDBUF87J56X135129	Kenworth	T170	2015	Allied World
WDBUF87J56X135129	Kenworth	T170	2015	Allied World
WDBUF87J56X135129	Kenworth	T170	2015	Allied World
WDBWK73F09F143987	Kenworth	K270E	2013	Allied World
WDBWK73F09F143987	Kenworth	K270E	2013	Allied World
WDBWK73F09F143987	Kenworth	K270E	2013	Allied World
JTDKB20U273296665	Kenworth	T880	2015	Auto Owners
JTDKB20U273296665	Kenworth	T880	2015	Auto Owners
JTDKB20U273296665	Kenworth	T880	2015	Auto Owners
JTDKB20U273296665	Kenworth	T880	2015	Auto Owners
JTDKB20U977678801	Peterbilt	367	2017	Allied World
JTDKB20U977678801	Peterbilt	367	2017	Allied World
JTDKB20U977678801	Peterbilt	367	2017	Allied World
4T1BG22K8YU652783	Peterbilt	569	2016	Seneca
4T1BG22K8YU652783	Peterbilt	569	2016	Seneca
4T1BG22K8YU652783	Peterbilt	569	2016	Seneca
4T4BE46K38R098862	Peterbilt	367	2012	Travelers
4T4BE46K38R098862	Peterbilt	367	2012	Travelers
4T4BE46K38R098862	Peterbilt	367	2012	Travelers
4T4BE46K38R098862	Peterbilt	367	2012	Travelers
3VWJM71K48M168490	Peterbilt	520	2019	Travelers
3VWJM71K48M168490	Peterbilt	520	2019	Travelers
3VWJM71K48M168490	Peterbilt	520	2019	Travelers
3VWJM71K48M168490	Peterbilt	520	2019	Travelers
4A3AC34G71E114809	Peterbilt	569	2016	Allied World
4A3AC34G71E114809	Peterbilt	569	2016	Allied World
4A3AC34G71E114809	Peterbilt	569	2016	Allied World
2HGFA165X6H554023	Peterbilt	367	2011	Travelers
2HGFA165X6H554023	Peterbilt	367	2011	Travelers

2HGFA165X6H554023	Peterbilt	367	2011	Travelers
2HGFA165X6H554023	Peterbilt	367	2011	Travelers
2HGFB2F59CH525577	Peterbilt	569	2019	Auto Owners
2HGFB2F59CH525577	Peterbilt	569	2019	Auto Owners
2HGFB2F59CH525577	Peterbilt	569	2019	Auto Owners
2HGFB2F59CH525577	Peterbilt	569	2019	Auto Owners
2HSCEAXR7YC012070	Peterbilt	569	2016	Ace Hazmat
2HSCEAXR7YC012070	Peterbilt	569	2016	Ace Hazmat
2HSCEAXR7YC012070	Peterbilt	569	2016	Ace Hazmat
3GTU2VEC3EG428370	Peterbilt	389	2011	Berkshire
3GTU2VEC3EG428370	Peterbilt	389	2011	Berkshire
3GTU2VEC3EG428370	Peterbilt	389	2011	Berkshire
3GTU2VEC3EG428370	Peterbilt	389	2011	Berkshire
5NPEC4AC5BH273745	Peterbilt	520	2013	Ace Hazmat
5NPEC4AC5BH273745	Peterbilt	520	2013	Ace Hazmat
5NPEC4AC5BH273745	Peterbilt	520	2013	Ace Hazmat
4V4JDBRF8TR809309	Peterbilt	367	2011	Otterstedt
4V4JDBRF8TR809309	Peterbilt	367	2011	Otterstedt
4V4JDBRF8TR809309	Peterbilt	367	2011	Otterstedt
4V4JDBRF8TR809309	Peterbilt	367	2011	Otterstedt
JN8AZ1MWXDW321873	Peterbilt	367	2011	Progressive
JN8AZ1MWXDW321873	Peterbilt	367	2011	Progressive
JN8AZ1MWXDW321873	Peterbilt	367	2011	Progressive
JN8AZ1MWXDW321873	Peterbilt	367	2011	Progressive
JNKH14C0MT090653	Peterbilt	569	2012	Allianz
JNKH14C0MT090653	Peterbilt	569	2012	Allianz
JNKH14C0MT090653	Peterbilt	569	2012	Allianz
5GZDV03L56D125276	Peterbilt	520	2019	Otterstedt
5GZDV03L56D125276	Peterbilt	520	2019	Otterstedt
5GZDV03L56D125276	Peterbilt	520	2019	Otterstedt
5GZDV03L56D125276	Peterbilt	520	2019	Otterstedt
5J6YH28593L059584	Peterbilt	520	2019	Ace Hazmat
5J6YH28593L059584	Peterbilt	520	2019	Ace Hazmat
5J6YH28593L059584	Peterbilt	520	2019	Ace Hazmat
WAUEFGFF4F1066642	Peterbilt	569	2016	Travelers
WAUEFGFF4F1066642	Peterbilt	569	2016	Travelers
WAUEFGFF4F1066642	Peterbilt	569	2016	Travelers
WAUEFGFF4F1066642	Peterbilt	569	2016	Travelers
1FAFP10P2XW141576	Peterbilt	367	2017	Allianz
1FAFP10P2XW141576	Peterbilt	367	2017	Allianz
1FAFP10P2XW141576	Peterbilt	367	2017	Allianz
1B3AL56R72N189204	Peterbilt	367	2017	Travelers
1B3AL56R72N189204	Peterbilt	367	2017	Travelers

1B3AL56R72N189204	Peterbilt	367	2017	Travelers
1B3AL56R72N189204	Peterbilt	367	2017	Travelers
1D7HE22K26S555758	Peterbilt	520	2019	Berkshire
1D7HE22K26S555758	Peterbilt	520	2019	Berkshire
1D7HE22K26S555758	Peterbilt	520	2019	Berkshire
1D7HE22K26S555758	Peterbilt	520	2019	Berkshire
1FTMF1EF8DKG22066	Peterbilt	365	2011	Auto Owners
1FTMF1EF8DKG22066	Peterbilt	365	2011	Auto Owners
1FTMF1EF8DKG22066	Peterbilt	365	2011	Auto Owners
1FTMF1EF8DKG22066	Peterbilt	365	2011	Auto Owners
1FTWW31P05ED12447	Peterbilt	365	2010	Progressive
1FTWW31P05ED12447	Peterbilt	365	2010	Progressive
1FTWW31P05ED12447	Peterbilt	365	2010	Progressive
1FTWW31P05ED12447	Peterbilt	365	2010	Progressive
1G11B5SL4FF178012	Peterbilt	569	2016	Berkshire
1G11B5SL4FF178012	Peterbilt	569	2016	Berkshire
1G11B5SL4FF178012	Peterbilt	569	2016	Berkshire
1G11B5SL4FF178012	Peterbilt	569	2016	Berkshire
1G1AS18H097240712	Peterbilt	367	2011	Allied World
1G1AS18H097240712	Peterbilt	367	2011	Allied World
1G1AS18H097240712	Peterbilt	367	2011	Allied World
1G1JC6SH2F4127313	Peterbilt	520	2019	Allied World
1G1JC6SH2F4127313	Peterbilt	520	2019	Allied World
1G1JC6SH2F4127313	Peterbilt	520	2019	Allied World
1G1ZG57B19F123557	Peterbilt	569	2016	Seneca
1G1ZG57B19F123557	Peterbilt	569	2016	Seneca
1G1ZG57B19F123557	Peterbilt	569	2016	Seneca
1J4RR4GG7BC787547	Peterbilt	367	2011	Berkshire
1J4RR4GG7BC787547	Peterbilt	367	2011	Berkshire
1J4RR4GG7BC787547	Peterbilt	367	2011	Berkshire
1J4RR4GG7BC787547	Peterbilt	367	2011	Berkshire
1GKFK33039R211644	Peterbilt	520	2012	Travelers
1GKFK33039R211644	Peterbilt	520	2012	Travelers
1GKFK33039R211644	Peterbilt	520	2012	Travelers
1GKFK33039R211644	Peterbilt	520	2012	Travelers
2FMGK5BC0ABD73600	Peterbilt	520	2013	Great Lakes
2FMGK5BC0ABD73600	Peterbilt	520	2013	Great Lakes
2FMGK5BC0ABD73600	Peterbilt	520	2013	Great Lakes
2B3HD46Z82H110282	Peterbilt	569	2018	Travelers
2B3HD46Z82H110282	Peterbilt	569	2018	Travelers
2B3HD46Z82H110282	Peterbilt	569	2018	Travelers
2B3HD46Z82H110282	Peterbilt	569	2018	Travelers
1G8ZS57N87F203073	Peterbilt	367	2017	Allianz

1G8ZS57N87F203073	Peterbilt	367	2017	Allianz
1G8ZS57N87F203073	Peterbilt	367	2017	Allianz
1N6AA07A86N544349	Peterbilt	367	2015	Seneca
1N6AA07A86N544349	Peterbilt	367	2015	Seneca
1N6AA07A86N544349	Peterbilt	367	2015	Seneca
1VWAP7A38DC019544	Peterbilt	579	2014	Auto Owners
1VWAP7A38DC019544	Peterbilt	579	2014	Auto Owners
1VWAP7A38DC019544	Peterbilt	579	2014	Auto Owners
1VWAP7A38DC019544	Peterbilt	579	2014	Auto Owners

Listing of Data

Tables:

INSURANCE_COMPANY

INSURANCE_ID|INSURANCE_NAME

1	Otterstedt
2	Berkshire
3	Auto Owners
4	Progressive
5	Travelers
6	Seneca
7	Great Lakes
8	Allied World
9	Allianz
10	Ace Hazmat
11	ACE Fleet
12	United Specialty
13	Hudson Fleet
14	Markel
15	Chubb
16	Arch
17	Acuity
18	A-One RRG
19	Tokio Marine
20	Sompo International
21	National General
22	Lexington
23	Lancer
24	Eastern Atlantic Insurance Company
25	DB Insurance
26	AIG
27	Great American
28	ACE / Westchester
29	NICO
30	National Casualty / Nationwide
31	Scottsdale Brokerage
32	IAT
33	Crum Forster
34	Canal
35	Northland

INSURANCE_POLICY

POLICY_ID	POLICY_NAME	COVERAGE_COST	EXPIRATION_DATE
1	Primary Auto Liability	1234.32	12/31/2021
2	General Liability	1452.23	12/31/2021
3	Physical Damage	3123.43	12/31/2021
4	Bobtail	2341.21	12/31/2021
5	Motor Truck Cargo	2123.32	12/31/2021
6	Rental Reimbursement	892.23	12/31/2021
7	Trailer Interchange	903.23	12/31/2020
8	Medical Payment	1033.23	12/31/2021
9	Uninsured/Underinsured Motorists	532.32	12/31/2021
10	Reefer Breakdown Coverage	342.42	12/31/2021

SERVICE_STATUS

SERVICE_ID|ACTIVE_ID|ACTIVE

1|1|Inactive
2|1|Inactive
3|2|Active
4|2|Active
5|2|Active
6|2|Active
7|2|Active
8|2|Active
9|2|Active
10|2|Active
11|1|Inactive
12|1|Inactive
13|1|Inactive
14|1|Inactive
15|1|Inactive
16|1|Inactive
17|1|Inactive
18|1|Inactive
19|1|Inactive
20|2|Active
21|1|Inactive
22|1|Inactive
23|1|Inactive
24|1|Inactive
25|1|Inactive
26|1|Inactive
27|1|Inactive
28|1|Inactive
29|1|Inactive
30|1|Inactive
31|1|Inactive
32|1|Inactive
33|1|Inactive
34|1|Inactive
35|1|Inactive
36|1|Inactive
37|1|Inactive
38|1|Inactive
39|1|Inactive
40|1|Inactive
41|1|Inactive
42|1|Inactive
43|1|Inactive
44|1|Inactive
45|1|Inactive

ACCOUNT_REVENUE

REVENUE_ID|REVENUE_NAME|REVENUE_VALUE

1	Service	2595.91
2	Service	800
3	Service	10001
4	Service	1000
5	Service	12000
6	Service	1000
7	Service	4000
8	Service	6000
9	Service	10000
10	Service	2750
11	Service	75
12	Service	17975
13	Service	8500
14	Service	2434.01
15	Service	9500
16	Service	2934.97
17	Service	14500
18	Service	8475
19	Service	7840
20	Service	750
21	Service	4500
22	Service	270.53
23	Service	2500
24	Service	1250
25	Service	150
26	Service	19670
27	Service	6650
28	Service	460
29	Service	2000
30	Service	4200
31	Service	300
32	Service	1350
33	Service	1300
34	Service	400
35	Service	940
36	Service	13100
37	Service	13950
38	Service	14290
39	Service	150
40	Service	0
41	Service	45
42	Service	1250
43	Service	20620.02
44	Service	3565
45	Service	1190.12

Anthony Vu

Report 1

Report Name: New Employees History Order Report

Report Description: Selects serviced orders of employees that were hired within the past year (past 2 year).

Business Purpose: The client can use this type of report to evaluate recently hired employees. Managers can decide pay rate for new hires and see if they deserve an increase in their salary. This report will keep track of newly added employee and orders that they worked on.

SQL Code:

```
SELECT
EMPLOYEE_SERVICE_LINE_ASSIGNMENT.EMPLOYEE_ID AS "Employee ID",
EMPLOYEE.EMPLOYEE_FNAME AS "First Name",
EMPLOYEE.EMPLOYEE_LNAME AS "Last Name",
EMPLOYEE.EMPLOYEE_HIRE_DATE AS "Date Hired",
EMPLOYEE.EMPLOYEE_PAY_RATE AS "Pay Rate",
EMPLOYEE.EMPLOYEE_JOB_FUNC AS "Job Type",
Employee_Status.ACTIVE AS "Status",
SERVICE_LINE.SERVICE_ID AS "Service ID",
SERVICE.SERVICE_TYPE AS "Service Worked On"

FROM EMPLOYEE
JOIN Employee_Status
ON EMPLOYEE.EMPLOYEE_ID = Employee_Status.EMPLOYEE_ID
JOIN EMPLOYEE_SERVICE_LINE_ASSIGNMENT
ON EMPLOYEE.EMPLOYEE_ID = EMPLOYEE_SERVICE_LINE_ASSIGNMENT.EMPLOYEE_ID
JOIN SERVICE_LINE
ON EMPLOYEE_SERVICE_LINE_ASSIGNMENT.SERVICE_LINE_ID = SERVICE_LINE.SERVICE_LINE_ID
JOIN SERVICE
ON SERVICE_LINE.SERVICE_ID = SERVICE.SERVICE_ID

WHERE EMPLOYEE.EMPLOYEE_HIRE_DATE > DATEADD(YEAR, -2, GETDATE());
```

Report/ Query Results:

Employee ID	First Name	Last Name	Date Hired	Pay Rate	Job Type	Status	Service ID	Service Worked On
17	Ernesto	Alanis	2019-07-18 00:00:00.000	12.20	Technician	Active	4	REPAIRS
24	Hector	Torres	2019-05-14 00:00:00.000	10.00	Painter	Active	5	Paint Truck
24	Hector	Torres	2019-05-14 00:00:00.000	10.00	Painter	Active	7	Aluminum Tarp Arm Kit
21	Omar	Bibriesca	2019-05-18 00:00:00.000	11.25	Painter	Inactive	9	Detailing
21	Omar	Bibriesca	2019-05-18 00:00:00.000	11.25	Painter	Inactive	15	Hot Shift Pto
17	Ernesto	Alanis	2019-07-18 00:00:00.000	12.20	Technician	Active	17	TRAILER PACKAGE
24	Hector	Torres	2019-05-14 00:00:00.000	10.00	Painter	Active	18	Boxes:Square Box:13'-14' Square
24	Hector	Torres	2019-05-14 00:00:00.000	10.00	Painter	Active	22	Boxes:Square Box:17'-18' Square
17	Ernesto	Alanis	2019-07-18 00:00:00.000	12.20	Technician	Active	25	Paint Truck
24	Hector	Torres	2019-05-14 00:00:00.000	10.00	Painter	Active	31	Paint Truck
24	Hector	Torres	2019-05-14 00:00:00.000	10.00	Painter	Active	37	STAKE BED:NO LIFT 24'
24	Hector	Torres	2019-05-14 00:00:00.000	10.00	Painter	Active	40	Paint Fenders
23	George	Hernandez	2019-10-09 00:00:00.000	10.10	Painter	Inactive	43	Electric Tarp-Steel Arms
17	Ernesto	Alanis	2019-07-18 00:00:00.000	12.20	Technician	Active	45	Boxes:Square Box:15'-16' Square
24	Hector	Torres	2019-05-14 00:00:00.000	10.00	Painter	Active	56	TARP 16X7
17	Ernesto	Alanis	2019-07-18 00:00:00.000	12.20	Technician	Active	61	TRAILER PACKAGE
24	Hector	Torres	2019-05-14 00:00:00.000	10.00	Painter	Active	63	Ridewell Axle:Steerable Axle
23	George	Hernandez	2019-10-09 00:00:00.000	10.10	Painter	Inactive	65	Hot Shift Pto
24	Hector	Torres	2019-05-14 00:00:00.000	10.00	Painter	Active	66	Electric Tarp-Steel Arms
24	Hector	Torres	2019-05-14 00:00:00.000	10.00	Painter	Active	68	Boxes:Square Box:13'-14' Square
21	Omar	Bibriesca	2019-05-18 00:00:00.000	11.25	Painter	Inactive	70	Pintle Hitch
23	George	Hernandez	2019-10-09 00:00:00.000	10.10	Painter	Inactive	71	STAKE BED:10-15' STAKE BED
21	Omar	Bibriesca	2019-05-18 00:00:00.000	11.25	Painter	Inactive	72	Pintle Hitch
17	Ernesto	Alanis	2019-07-18 00:00:00.000	12.20	Technician	Active	81	TRAILER PACKAGE
21	Omar	Bibriesca	2019-05-18 00:00:00.000	11.25	Painter	Inactive	84	Boxes:DEMOLITION:15-17 DE...
17	Ernesto	Alanis	2019-07-18 00:00:00.000	12.20	Technician	Active	87	STRETCH
24	Hector	Torres	2019-05-14 00:00:00.000	10.00	Painter	Active	93	ELECTRIC BRAKE CONTROL IN...
21	Omar	Bibriesca	2019-05-18 00:00:00.000	11.25	Painter	Inactive	96	REPAIRS
24	Hector	Torres	2019-05-14 00:00:00.000	10.00	Painter	Active	99	ALUMINUM WHEELS:17.5 POLI...
24	Hector	Torres	2019-05-14 00:00:00.000	10.00	Painter	Active	100	Boxes:DEMOLITION:15-17 DE...

Report 2

Report Name: Incomplete Customer Orders Report

Report Description: Selects orders that have a data greater than the current date. (Today's Date)

Business Purpose: The client could use this type of report to help assist in deciding what order to complete first. The client compares the start date for each order to find out which order to start.

SQL Code:

```
SELECT
SERVICE_LINE.SERVICE_ID AS "Order ID",
SERVICE.SERVICE_TYPE AS "Type of Service",
Customer.C_LNAME AS "Last Name",
SERVICE_ORDER.TOTAL_COST AS "Total Cost",
SERVICE.DATE_START AS "Start Date",
SERVICE.DATE_END AS "Estimated Finish Date"

From Customer
JOIN CUSTOMER_ORDER
ON Customer.CUSTOMER_ID = CUSTOMER_ORDER.CUSTOMER_ID
JOIN SERVICE_ORDER
ON CUSTOMER_ORDER.SERVICE_ORDER_ID = SERVICE_ORDER.SERVICE_ORDER_ID
JOIN SERVICE_LINE
ON SERVICE_ORDER.SERVICE_ORDER_ID = SERVICE_LINE.SERVICE_ORDER_ID
JOIN SERVICE
ON SERVICE_LINE.SERVICE_ID = SERVICE.SERVICE_ID

WHERE SERVICE.DATE_END > GETDATE()
ORDER BY SERVICE.DATE_START;
```

Report/ Query Results:

Order ID	Type of Service	Last Name	Total Cost	Start Date	Estimated Finish Date
3	TRAILER REPAIRS	Melesio	64.78	2019-01-04 00:00:00.000	2021-12-17 00:00:00.000
20	Pintle Hitch	Rigoberto	475.00	2021-01-16 00:00:00.000	2021-07-26 00:00:00.000
4	REPAIRS	Garcia	800.00	2021-11-05 00:00:00.000	2021-11-15 00:00:00.000
5	Paint Truck	Nieto	10001.00	2021-11-05 00:00:00.000	2021-11-15 00:00:00.000
6	Boxes:Semi-Round:15'-16' Semi-Round	County Land	1000.00	2021-11-05 00:00:00.000	2021-11-15 00:00:00.000
7	Aluminum Tarp Arm Kit	Jachon	12000.00	2021-11-05 00:00:00.000	2021-11-15 00:00:00.000
8	HI-LIFT	Chrome	1000.00	2021-11-05 00:00:00.000	2021-11-15 00:00:00.000
9	Detailing	Molina	4000.00	2021-11-05 00:00:00.000	2021-11-15 00:00:00.000
10	STRETCH	Stair	6000.00	2021-11-05 00:00:00.000	2021-11-15 00:00:00.000

Report 3

Report Name: Service Order Year Report

Report Description: Selects customer orders that is between the beginning of the current year and current date.

Business Purpose: The client can use this type of report to easily review past orders for the year Herrera Inc. can help customers problems with the service order they received for the past year.

SQL Code:

```
SELECT
CUSTOMER_ORDER.SERVICE_ORDER_ID AS "Order ID",
SERVICE.SERVICE_TYPE AS "Serviced Ordered",
Customer.C_FNAME AS "First Name",
Customer.C_LNAME AS "Last Name",
SERVICE_ORDER.ORDER_DATE AS "Date Ordered",
SERVICE_LINE.LINE_COST AS "Cost of Service"

FROM Customer
JOIN CUSTOMER_ORDER
ON Customer.CUSTOMER_ID = CUSTOMER_ORDER.CUSTOMER_ID
JOIN SERVICE_ORDER
ON CUSTOMER_ORDER.SERVICE_ORDER_ID = SERVICE_ORDER.SERVICE_ORDER_ID
JOIN SERVICE_LINE
ON SERVICE_ORDER.SERVICE_ORDER_ID = SERVICE_LINE.SERVICE_ORDER_ID
JOIN SERVICE
ON SERVICE_LINE.SERVICE_ID = SERVICE.SERVICE_ID

WHERE YEAR(SERVICE_ORDER.ORDER_DATE) = YEAR(GETDATE()) AND SERVICE_ORDER.ORDER_DATE < GETDATE();
```

Report/ Query Results:

Order ID	Serviced Ordered	First Name	Last Name	Date Ordered	Cost of Service
1	REPAIRS	Best	American	2021-01-02 00:00:00.000	2595.91
2	TRAILER REPAIRS	NULL	Cowgirl	2021-01-03 00:00:00.000	800.00
11	Double Frame:FRONT REAR HANGER	Circle	V Trucking	2021-01-08 00:00:00.000	75.00
12	Ridewell Axle:8,000 LB Steerable	NULL	Rush	2021-01-08 00:00:00.000	17975.00
13	ALUMINUM WHEELS:17.5 POLISHED ALUM	Headway	Oilfield Service	2021-01-25 00:00:00.000	8500.00
14	Boxes:Square Box:13'-14' Square	Paul	Stroup	2021-01-29 00:00:00.000	2434.01
15	Hot Shift Pto	Mariano	Ramirez Saldana	2021-01-15 00:00:00.000	9500.00
16	Pintle Hitch	Kirk	Thomas	2021-01-15 00:00:00.000	2934.97
17	TRAILER PACKAGE	Performa...	Truck of Houston	2021-01-15 00:00:00.000	14500.00
18	Boxes:Square Box:13'-14' Square	John	D	2021-02-02 00:00:00.000	8475.00
19	Hot Shift Pto	Jag	Trucking	2021-01-29 00:00:00.000	7840.00
21	TRAILER PACKAGE	Oscar	Murica	2021-01-18 00:00:00.000	4500.00
22	Boxes:Square Box:17'-18' Square	NULL	Rush	2021-01-22 00:00:00.000	270.53
23	Electric Tarp-Steel Arms	Bernardino	Lopez	2021-01-24 00:00:00.000	2500.00
24	Boxes:Semi-Round:17'-18' Semi-Round	NULL	Larret	2021-01-29 00:00:00.000	1250.00
25	Paint Truck	NULL	Rush	2021-03-22 00:00:00.000	150.00
26	SLEEPER MODIFICATIONS/REPAIRS	Red	Trucking	2021-01-30 00:00:00.000	19670.00

Report 4

Report Name: Long Term Loyal Customer Report

Report Description: Selects customers that are active, and their first order has to be 1 year old by the current date.

Business Purpose: The client could use this report to keep track of long-term customers and to keep a healthy customer and business relationship. This could also help give service discounts to frequent customers.

SQL Code:

```
SELECT
Customer.CUSTOMER_ID AS "ID",
Customer.C_FNAME AS "First Name",
Customer.C_LNAME AS "Last Name",
CUSTOMER_STATUS.ACTIVE AS "Customer Type",
CUSTOMER_VEHICLE.V_VIN AS "VIN #",
VEHICLE.V_MAKE AS "Make",
VEHICLE.V_MODEL AS "Model",
SERVICE_ORDER.ORDER_DATE AS "First Time Customer Date"

FROM Customer
JOIN CUSTOMER_STATUS
ON Customer.CUSTOMER_ID = CUSTOMER_STATUS.CUSTOMER_ID
JOIN CUSTOMER_VEHICLE
ON Customer.CUSTOMER_ID = CUSTOMER_VEHICLE.CUSTOMER_ID
JOIN VEHICLE
ON CUSTOMER_VEHICLE.V_VIN = VEHICLE.V_VIN
JOIN CUSTOMER_ORDER
ON Customer.CUSTOMER_ID = CUSTOMER_ORDER.CUSTOMER_ID
JOIN SERVICE_ORDER
ON CUSTOMER_ORDER.SERVICE_ORDER_ID = SERVICE_ORDER.SERVICE_ORDER_ID

WHERE (CUSTOMER_STATUS.C_ACTIVE= 1 OR CUSTOMER_STATUS.C_ACTIVE= 3) AND SERVICE_ORDER.ORDER_DATE < DATEADD(YEAR, -1, GETDATE());
```

Report/ Query Results:

ID	First Name	Last Name	Customer Type	VIN #	Make	Model	First Time Customer Date
37	NULL	Grande	ACTIVE	1B7GL22X8W8527664	Kenworth	W900	2020-02-21 00:00:00.000
43	George	Gilbert	ACTIVE	1FDKE37S3VHB26425	Kenworth	T370	2020-02-27 00:00:00.000
39	Francisco	Loya	ACTIVE	1G8ZS57N87F203073	Peterbilt	367	2020-02-28 00:00:00.000
35	Carlos	Cantu	ACTIVE	1GCRCPEA9CZ281529	Kenworth	W900L	2020-02-12 00:00:00.000
34	Ben	Getachew	ACTIVE	1N4AL3AP7FN348114	Kenworth	T880	2020-02-08 00:00:00.000
30	Leo	Escobar	ACTIVE	2C4RC1CG2CR171436	Kenworth	T880	2020-02-14 00:00:00.000
27	Jay	Cicero	ACTIVE	3MZBM1L73FM114959	Kenworth	K370E	2020-02-15 00:00:00.000
29	Elite	Landscaping	ACTIVE-PREMIUM	3VW7T7AT4DM893975	Kenworth	T370	2020-02-09 00:00:00.000
45	NULL	Anthony	ACTIVE-PREMIUM	4T4BE46K38R098862	Peterbilt	367	2020-03-01 00:00:00.000
41	Cesar	Quinonez	ACTIVE-PREMIUM	5FNYF3H28EB098129	Kenworth	T680	2020-03-06 00:00:00.000
42	Rick	Fontenot	ACTIVE	KMHDH4AE2FU276480	Kenworth	T880	2020-02-28 00:00:00.000

List of Data

Employee Table

EMP_ID	EMP_LNAME	EMP_FNAME	EMP_ADDRESS	EMP_HIRE_DATE	EMP_HOURS	EMP_PAY_RATE	EMP_PHONE	EMP_BANK_INFO	EMP_P_TAX	EMP_JOB_FUNC
1	Hererra	Martin	1148 Margaret Street Houston, TX 77087	2/19/2009	32	20	71384455031	5186330250402640	12	Owner
2	Garcia	Blanca	2284 Del Dew Drive Houston, TX 77001	3/12/2009	30	15.85	2812679191	4916252211927270	12	Office Manager
3	Martinez	Ignacio	2249 Mulberry St. Houston, TX 77060	6/20/2015	29	12.4	2817775681	5557446513021270	10	Welder
4	Castillo	Adrian	7907 Parkglen Dr. Houston, TX 77049	2/22/2010	23	15	2816696390	4916505215665180	10	Painter
5	Banegas	Yelson	3520 Poe Rd. Houston, TX 77040	3/4/2012	26	13.3	8329558271	4929527893018710	10	Office Assistant
6	Banegas	Gerson	13155 Woodforest Blvd. Houston, Tx 77015	2/27/2011	25	12	7133346111	5372280553215370	10	Welder
7	Barron	Victor	1829 Charles Rd. Houston, TX 77093	5/16/2011	30	13.25	2812442607	4556688416679030	10	Welder
8	Valadez	Hector	13753 Waxahachie St. Houston, TX 77015	11/9/2014	31	13.5	7169230064	4716594616755800	10	Welder
9	Puerto	Pedro	458 Monroe St. Houston, TX 77036	1/3/2012	26	11.2	7134572630	4539274613325980	10	Framework
10	Medina	Pedro	2712 Clousson Rd. Houston, TX 77063	9/11/2016	31	15	7132018443	5348804825345290	12	Welder
11	Para	Omar	4273 Shingleton Rd. Houston, TX 77044	2/26/2011	30	14.5	7134101682	5268796617071610	12	Painter
12	Bibriescas	Luis	4746 Werninger St. Houston, TX 77056	3/24/2018	16	10.3	8326847496	5125335864225910	10	Welder
13	Castaneda	Juan	4267 Circle Dr. Houston, TX 77063	8/14/2018	15	10.6	8324650160	4716664197446680	10	Painter

14	Avila	Carlo s	12129 Ticonderogard Houston, TX 77044	9/15/20 16	29	11	2814 1360 24	558692 921433 1170	10	Welder
15	Carab ez	Ricar do	11235 Valley Kings Dr.Houston, TX 77044	6/22/20 12	30	13.25	8328 7837 29	492910 793189 2840	10	Frame work
16	Alani s	Robe rto	11521 Bannister Ln. Houston, TX 77075	2/25/20 15	30	13	2818 8541 76	471634 620153 2240	10	Frame work
17	Alani s	Ernes to	2090 Chapel St. Houston, TX 77002	7/18/20 19	20	12.2	2816 6414 63	541310 399922 4170	10	Techni cian
18	Rami rez	Israel	2416 Firnat St. Houston, TX 77093	1/20/20 17	31	14	8322 7903 56	537038 576283 4360	12	Welder
19	Domi nguez	Fiden cio	14437 Brownsville St. Houston, TX 77015	6/26/20 16	25	11.25	2818 0036 41	455626 982937 7500	10	Frame work
20	Juare z	Manu el	12833 Ticonderogard Rd. Houston, TX 77044	2/12/20 19	21	9.5	8322 0290 01	492905 913454 2770	10	Painter
21	Bibri esca	Omar	12914 Ticonderogard Rd. Houston, TX 77044	5/18/20 19	20	11.25	7135 8068 84	525049 109426 0280	10	Painter
22	Alvar ez	Luis	1921 Van Buren Circle Pasadena, TX 77502	6/12/20 10	32	14	8323 2963 23	455629 272485 6140	12	Welder
23	Hern andez	Geor ge	1190 Millrose St. Houston, TX 77040	10/9/20 19	17	10.1	7137 4464 43	492914 428228 7680	10	Painter
24	Torre s	Hect or	12635 Tidwell Rd. Houston, TX 77044	5/14/20 19	25	10	2818 3011 65	453293 489635 8420	10	Painter

Invoice Table

INVOICE_ID	CUSTOMER_ID	TOTAL_COST	AMT_OWED	INVOICE_DATE
1	1	2595.91	0	1/2/2021
2	2	800	0	1/3/2021
3	3	10001	825.08	12/17/2021
4	4	1000	0	11/15/2021
5	5	12000	0	11/15/2021
6	6	1000	0	11/15/2021

7	7	4000	0	11/15/2021
8	8	6000	0	11/15/2021
9	9	10000	0	11/15/2021
10	10	2750	0	11/15/2021
11	11	75	0	1/8/2021
12	12	17975	0	1/8/2021
13	13	8500	0	1/25/2021
14	14	2434.01	0	1/29/2021
15	15	9500	0	1/15/2021
16	16	2934.97	0	1/15/2021
17	17	14500	0	1/15/2021
18	18	8475	0	2/2/2021
19	19	7840	0	1/29/2021
20	20	750	0	7/26/2021
21	21	4500	0	1/18/2021
22	22	270.53	0	1/22/2021
23	23	2500	0	1/24/2021
24	24	1250	0	1/29/2021
25	25	150	0	3/22/2021
26	26	19670	0	1/30/2021
27	27	6650	0	2/15/2020
28	28	460	0	2/14/2020
29	29	2000	0	2/9/2020
30	30	4200	0	2/14/2020
31	31	300	0	2/2/2020
32	32	1350	0	2/20/2020
33	33	1300	0	3/21/2020
34	34	400	0	2/8/2020
35	35	940	0	2/12/2020
36	36	13100	0	2/15/2020
37	37	13950	0	2/21/2020
38	38	14290	0	2/21/2020
39	39	150	0	2/28/2020
40	40	0	0	5/17/2020
41	41	45	0	3/6/2020
42	42	1250	0	2/28/2020
43	43	20620.02	0	2/27/2020
44	44	3565	0	4/3/2020
45	45	1190.12	0	3/1/2020
46	46	17056	0	3/5/2020
47	47	100	0	5/14/2020
48	48	210.06	0	8/8/2020

49	49	7750.87	0	3/29/2020
50	50	0	0	3/15/2020
51	51	5400	0	3/13/2020
52	52	7240	0	3/14/2020
53	53	800	0	3/20/2020
54	54	16754.8	0	10/11/2020
55	55	13210	0	3/31/2020
56	56	30712	0	3/22/2020
57	57	500	0	3/27/2020
58	58	300	0	6/4/2020
59	59	4800	0	4/9/2020
60	60	10000	0	3/22/2020
61	61	13518.12	0	4/19/2020
62	62	1100	0	4/3/2020
63	63	180	0	4/11/2020
64	64	1290	0	3/29/2020
65	65	140	0	4/12/2020
66	66	10592.59	0	4/2/2019
67	67	218.3	0	4/3/2019
68	68	1300	0	4/2/2019
69	69	900	0	4/3/2019
70	70	16000	0	4/9/2019
71	71	0	0	4/3/2019
72	72	2200	0	4/10/2019
73	73	0	0	4/5/2019
74	74	15990	0	11/15/2019
75	75	13600	0	11/15/2019
76	76	5000	0	11/15/2019
77	77	10000	0	11/15/2019
78	78	630	0	4/10/2019
79	79	1100	0	4/11/2019
80	80	3800	0	4/30/2018
81	81	450	0	4/26/2018
82	82	500	0	4/16/2018
83	83	15990	0	12/23/2020
84	84	19750	0	4/17/2018
85	85	7450	0	4/26/2018
86	86	2150	0	4/26/2018
87	87	200	0	6/28/2018
88	88	4500	0	4/18/2018
89	89	13920	0	4/26/2018
90	90	12700	0	4/19/2018

91	91	136.5	0	4/30/2018
92	92	5500	0	4/19/2018
93	93	160	0	5/10/2018
94	94	450	0	4/24/2018
95	95	3500	0	4/26/2018
96	96	600	0	4/23/2018
97	97	450	0	4/30/2018
98	98	550	0	4/30/2018
99	99	0	0	1/28/2018
100	100	3500	0	5/8/2018
101	11	600	0	5/30/2018
102	12	450	0	5/2/2018
103	13	15660	0	5/3/2018
104	14	1000	0	5/2/2018
105	15	550	0	5/2/2018
106	16	6250	0	5/10/2018
107	17	12900	0	11/15/2018
108	18	3500	0	1/28/2018
109	19	6000	0	11/15/2018

Supplier Table

SUPPLIER_ID	SUPPLIER_NAME
1	Air Liquide
2	Black Rose Steel & Trading
3	Fruitland Manufacturing
4	Ridewell Suspensions
5	US Tarp
6	Link Manufacturing, Ltd
7	Buyers Products Company
8	W&C - Watson & Chalin
9	Airman Products
10	Hendrickson
11	SSAB

12	Anthony Liftgates, Inc
13	Jackrabbit Steel Products, Inc
14	Rush Truck Center - Austin
15	HIAB
16	Dayton Parts, LLC
17	Fleetrite
18	Transwest Trucks
19	United Truck Centers
20	Kyrish Truck Centers

Service Order Status Table

SERVICE_ID	ACTIVE_ID	ACTIVE
1	1	Active
2	1	Active
3	1	Active
4	2	Inactive
5	2	Inactive
6	1	Active
7	1	Active
8	2	Inactive
9	2	Inactive
10	2	Inactive
11	1	Active
12	1	Active
13	1	Active

14	1	Active
15	1	Active
16	2	Inactive
17	1	Active
18	2	Inactive
19	2	Inactive
20	1	Active
21	1	Active
22	1	Active
23	1	Active
24	1	Active
25	1	Active
26	1	Active
27	2	Inactive
28	1	Active
29	2	Inactive
30	2	Inactive
31	1	Active
32	2	Inactive
33	1	Active
34	2	Inactive
35	1	Active
36	2	Inactive
37	1	Active
38	1	Active
39	2	Inactive

40	1	Active
41	2	Inactive
42	2	Inactive
43	2	Inactive
44	2	Inactive
45	1	Active
46	2	Inactive
48	1	Active
49	1	Active
50	1	Active

Darrian Woodard

Business Report 1: Vehicle Parts

Report Description: Provide a report that will list the specific parts used on a vehicle.

Report Purpose: The vehicle parts report will provide Herrera Fabricating with details including which parts were used on a specific vehicle during a service. This report will help keep track of inventory and future services that deal with issues or services surrounding the part that was installed.

SQL Code:

```
SELECT VEHICLE_SERVICE.V_VIN AS "VIN", VEHICLE.V_YEAR AS "Year", VEHICLE.V_MAKE AS "Make",  
VEHICLE.V_MODEL AS "Model", SUPPLIER.SUPPLIER_NAME AS "Supplier", PART.PART_NAME AS "Part"  
  
FROM VEHICLE  
JOIN VEHICLE_SERVICE  
ON VEHICLE.V_VIN = VEHICLE_SERVICE.V_VIN  
JOIN SERVICE  
ON VEHICLE_SERVICE.SERVICE_ID = SERVICE.SERVICE_ID  
JOIN SERVICE_LINE  
ON SERVICE.SERVICE_ID = SERVICE_LINE.SERVICE_ID  
JOIN SERVICE_LINE_PART  
ON SERVICE_LINE.SERVICE_LINE_ID = SERVICE_LINE_PART.SERVICE_LINE_ID  
JOIN PART  
ON SERVICE_LINE_PART.PART_ID = PART.PART_ID  
JOIN SUPPLIER_PART  
ON PART.PART_ID = SUPPLIER_PART.PART_ID  
JOIN SUPPLIER  
ON SUPPLIER_PART.SUPPLIER_ID = SUPPLIER.SUPPLIER_ID  
  
ORDER BY VEHICLE.V_VIN;
```

Report/Query Results

	VIN	Year	Make	Model	Supplier	Part
1	19XFA1F5XBE087240	2014	Kenworth	W900L	Fruitland Manufacturing	Axle
2	19XFB2F55DE061070	2015	Kenworth	W900	Fruitland Manufacturing	Box Door
3	1B3AL56R72N189204	2017	Peterbilt	367	Hendrickson	Paint
4	1B7GL22X8WS527664	2012	Kenworth	W900	Airman Products	Bed
5	1C3EL46X65N505015	2011	Kenworth	T880	Black Rose Steel & Trading	Tool Box
6	1C3EL55R92N382041	2010	Kenworth	T680	Hendrickson	Paint
7	1C6RR6GT9ES365442	2020	Kenworth	T680	Airman Products	Radiator
8	1C6RR7LM8ES473782	2014	Kenworth	T370	Anthony Liftgates, Inc	Box
9	1D7HE22K26S555758	2019	Peterbilt	520	Anthony Liftgates, Inc	Box
10	1D7HU18298S536471	2009	Kenworth	K370E	Rush Truck Center - Austin	Wheel
11	1D7RB1GPXAS185874	2011	Kenworth	T370	Air Liquide	Fuel Injector
12	1FAFP10P2XW141576	2017	Peterbilt	367	Link Manufacturing, Ltd	Steel
13	1FCJE39H9LHB90581	2011	Kenworth	K270E	US Tarp	Tarp
14	1FDKE37S3VHB26425	2013	Kenworth	T370	US Tarp	Tarp
15	1FMFU20576LA76257	2012	Freightliner	eM2	Black Rose Steel & Trading	Brakes
16	1FMJU1J57BEF16835	2019	Kenworth	T170	Dayton Parts, LLC	Shock Absorbers
17	1FTFW1EF5DFA79986	2016	Kenworth	T270	Ridewell Suspensions	Front Bumper
18	1FTMF1EF8DKG22066	2011	Peterbilt	365	Rush Truck Center - Austin	Wheel
19	1FTWW31P05ED12447	2010	Peterbilt	365	Fleetrite	Muffler
20	1G11B5SL4FF178012	2016	Peterbilt	569	Anthony Liftgates, Inc	Box
21	1G1AS18H097240712	2011	Peterbilt	367	Kyrish Truck Centers	Jack
22	1G1JC6SH2F4127313	2019	Peterbilt	520	Airman Products	Bed
23	1G1ZG57B19F123557	2016	Peterbilt	569	US Tarp	Tarp
24	1G4HP54K014129658	2019	Kenworth	K270E	Hendrickson	Paint
25	1G8ZS57N87F203073	2017	Peterbilt	367	Black Rose Steel & Trading	Tool Box
26	1GBGC24R8XR717525	2015	Kenworth	W900	Fruitland Manufacturing	Axle
27	1GCHK23U91F117999	2011	Kenworth	T680	US Tarp	Tarp
28	1GCRCPEA9CZ281529	2009	Kenworth	W900L	Buyers Products Company	A/C Compressor
29	1GKFK16ZX4J375043	2019	Kenworth	W900	Buyers Products Company	Tire
30	1GKFK33039R211644	2012	Peterbilt	520	United Truck Centers	Power Take-Off
31	1GNEC13T64R214542	2013	Kenworth	T880	Fleetrite	Muffler
32	1GNSCBE05DR309007	2007	Kenworth	K270E	W&C - Watson & Chalin	Hitch
33	1GNSCCE07BR355358	2019	Kenworth	W900	Anthony Liftgates, Inc	Box
34	1GNSCJE09DR285966	2011	Kenworth	T880	Dayton Parts, LLC	Frame
35	1HGCG5658WA121470	2010	Kenworth	T680	SSAB	Power Steering...
36	1HGCR2F71DA276241	2019	Kenworth	K270E	US Tarp	Tarp
37	1J4RR4GG7BC787547	2011	Peterbilt	367	Air Liquide	Fuel Injector
38	1N4AA51E09C843514	2011	Kenworth	T680	Dayton Parts, LLC	Frame
39	1N4AB41DXXC760684	2015	Freightliner	eM2	US Tarp	Tarp
40	1N4AL3AP7FN348114	2010	Kenworth	T880	Hendrickson	Paint
41	1N6AA07A86N544349	2015	Peterbilt	367	W&C - Watson & Chalin	Hitch
42	1VWAP7A38DC019544	2014	Peterbilt	579	Fruitland Manufacturing	Axle

	VIN	Year	Make	Model	Supplier	Part
42	1VWAP7A38DC019544	2014	Peterbilt	579	Fruitland Manufacturing	Axle
43	1VWBH7A34CC000747	2016	Kenworth	T270	Fruitland Manufacturing	Box Door
44	2A4RR5DG9BR730946	2012	Kenworth	T880	Dayton Parts, LLC	Frame
45	2B3HD46Z82H110282	2018	Peterbilt	569	Anthony Liftgates, Inc	Box
46	2C3LA63H67H781387	2019	Kenworth	T170	Hendrickson	Paint
47	2C4RC1CG2CR171436	2014	Kenworth	T880	Ridewell Suspensions	Battery
48	2FMDK4JC4DBB89814	2019	Kenworth	T170	US Tarp	Tarp
49	2FMGK5BC0ABD73600	2013	Peterbilt	520	Aiman Products	Bed
50	2G4WD532651270530	2016	Freightliner	eM2	Anthony Liftgates, Inc	Box
51	2G61N5S34D9234666	2009	Kenworth	W900	Hendrickson	Paint
52	2HGFA165X6H554023	2011	Peterbilt	367	Hendrickson	Paint
53	2HGFB2F59CH525577	2019	Peterbilt	569	Dayton Parts, LLC	Frame
54	2HSCEAXR7YC012070	2016	Peterbilt	569	W&C - Watson & Chalin	Hitch
55	2T2GA31U84C045001	2009	Kenworth	T370	W&C - Watson & Chalin	Hitch
56	3GCPKSE74DG113610	2014	Kenworth	T370	Black Rose Steel & Trading	Brakes
57	3GSCL33P6S652273	2015	Freightliner	eM2	HIAB	Engine Fan
58	3GTU2VEC3EG428370	2011	Peterbilt	389	Fruitland Manufacturing	Axle
59	3MZBM1L73FM114959	2020	Kenworth	K370E	United Truck Centers	Tire Pressure G...
60	3N1AB6AP1AL632607	2012	Kenworth	K370E	US Tarp	Tarp
61	3N1AB6AP9CL737656	2015	Kenworth	T880	Dayton Parts, LLC	Frame
62	3N1CN7AP7FL826328	2007	Ford	LCF	Link Manufacturing, Ltd	Piston
63	3VW7T7AT4DM893975	2009	Kenworth	T370	Air Liquide	Fuel Injector
64	3VW7T7AT5DM873833	2016	Kenworth	T370	Anthony Liftgates, Inc	Box
65	3VWJM71K48M168490	2019	Peterbilt	520	US Tarp	Tarp
66	4A3AC34G71E114809	2016	Peterbilt	569	Jackrabbit Steel Products...	Transmission
67	4E3AK54FXSE191774	2014	Kenworth	K370E	Kyrish Truck Centers	Jack
68	4JGBB75E06A044143	2011	Kenworth	K270E	Dayton Parts, LLC	Frame
69	4JGBF7BE5BA602135	2019	Kenworth	T170	Fruitland Manufacturing	Axle
70	4S3BG6856W7636770	2017	Kenworth	T370	Anthony Liftgates, Inc	Box
71	4T1BG22K8YU652783	2016	Peterbilt	569	US Tarp	Tarp
72	4T4BE46K38R098862	2012	Peterbilt	367	Anthony Liftgates, Inc	Box
73	4T4BF1FK0CR295850	2019	Kenworth	W900L	US Tarp	Tarp
74	4USBT33493LS81728	2012	Kenworth	T270	United Truck Centers	Power Take-Off
75	4V4JDBRF8TR809309	2011	Peterbilt	367	Ridewell Suspensions	Trailer
76	5FNYP3H28EB098129	2018	Kenworth	T680	Anthony Liftgates, Inc	Box
77	5GZDV03L56D125276	2019	Peterbilt	520	Hendrickson	Paint
78	5J6YH28593L059584	2019	Peterbilt	520	Dayton Parts, LLC	Frame
79	5J8TB4H5XFL010719	2011	Kenworth	W900	Kyrish Truck Centers	Jack
80	5N1AA0NC2EN603445	2020	Kenworth	W900L	Fruitland Manufacturing	Axle
81	5N1AR2MN5EC639066	2009	Kenworth	W900L	Jackrabbit Steel Products...	Mount
82	5NPEB4AC7DH761732	2014	Kenworth	T370	Fruitland Manufacturing	Axle
83	5NPEF4AC5BH273745	2013	Peterbilt	520	Black Rose Steel & Trading	Brakes

83	5NPEC4AC5BH273745	2013	Peterbilt	520	Black Rose Steel & Trading	Brakes
84	5XXGM4A75CG006305	2010	Kenworth	K270E	Ridewell Suspensions	Trailer
85	JM1CR293890323205	2012	Kenworth	T880	Anthony Liftgates, Inc	Box
86	JN8AZ1MWXDW3218...	2011	Peterbilt	367	US Tarp	Tarp
87	JNKHf14C0MT090653	2012	Peterbilt	569	Hendrickson	Paint
88	JTDKB20U273296665	2015	Kenworth	T880	Fruitland Manufacturing	Axle
89	JTDKB20U977678801	2017	Peterbilt	367	Dayton Parts, LLC	Frame
90	JTNBF3EK9A3098931	2017	Kenworth	W900L	Anthony Liftgates, Inc	Box
91	KM8JUCAG9FU908109	2019	Kenworth	T170	Anthony Liftgates, Inc	Box
92	KMHDH4AE2FU276480	2015	Kenworth	T880	Kyrish Truck Centers	Jack
93	KNAFU5A27C5688952	2013	Freightliner	eM2	W&C - Watson & Chalin	Hitch
94	KNDJE723177340233	2011	Kenworth	T680	Anthony Liftgates, Inc	Box
95	SALAA25425A337143	2017	Kenworth	T370	United Truck Centers	Power Take-Off
96	WAUEFGFF4F1066642	2016	Peterbilt	569	Hendrickson	Paint
97	WBAVA33557PG84279	2019	Kenworth	W900	Hendrickson	Paint
98	WDBJF65J3YB093912	2006	Kenworth	T880	Fruitland Manufacturing	Box Door
99	WDBUF87J56X135129	2015	Kenworth	T170	Anthony Liftgates, Inc	Box
100	WDBWK73F09F143987	2013	Kenworth	K270E	Hendrickson	Paint

Business Report 2: Revenue Report

Report Description: Provide the total revenue from one specific Invoice.

Report Purpose: The revenue report will provide Herrera Fabricating with revenue details from one invoice. This report will help with accounting and provide better insight when preparing income statements.

SQL Code:

```
SELECT Customer.CUSTOMER_ID AS "Customer ID", Customer.C_LNAME AS "Last Name", Customer.C_FNAME AS "First Name",  
ACCOUNT_REVENUE.REVENUE_NAME AS "Revenue Name", ACCOUNT_REVENUE.REVENUE_VALUE AS "Revenue Value"
```

```
FROM CUSTOMER  
JOIN INVOICE  
ON Customer.CUSTOMER_ID = INVOICE.CUSTOMER_ID  
JOIN INVOICE_PAYMENT  
ON INVOICE.INVOICE_ID = INVOICE_PAYMENT.INVOICE_ID  
JOIN PAYMENT  
ON INVOICE_PAYMENT.PMT_NUMBER = PAYMENT.PMT_NUMBER  
JOIN PAYMENT_REVENUE  
ON PAYMENT.PMT_NUMBER = PAYMENT_REVENUE.PMT_NUMBER  
JOIN ACCOUNT_REVENUE  
ON PAYMENT_REVENUE.REVENUE_ID = ACCOUNT_REVENUE.REVENUE_ID  
  
ORDER BY INVOICE.INVOICE_DATE;
```

Report/Query Results

Customer ID	Last Name	First Name	Revenue Name	Revenue Value	Customer ID	Last Name	First Name	Revenue Name	Revenue Value
99	Hogan	Bob	Service	0.00	32	Transport	R & A	Service	1350.00
82	D&D	NULL	Service	500.00	37	Grande	NULL	Service	13950.00
84	Rush	NULL	Service	19750.00	38	Hronek	Jason	Service	14290.00
88	OKB	NULL	Service	4500.00	43	Gilbert	George	Service	20620.02
90	Vanguard	NULL	Service	12700.00	42	Fontenot	Rick	Service	1250.00
92	Ranier	Sandhu	Service	5500.00	39	Loya	Francisco	Service	150.00
96	Garza	Javier	Service	600.00	45	Anthony	NULL	Service	1190.12
94	Cruz	Rigoberto	Service	450.00	46	Picton	Harold	Service	17056.00
95	McNeal	Bo	Service	3500.00	41	Quinonez	Cesar	Service	45.00
81	Lane	John	Service	450.00	51	Delivery	Vince	Service	5400.00
89	Texas	NULL	Service	13920.00	52	Pool	Visa	Service	7240.00
85	South Texas	NULL	Service	7450.00	50	Vasquez	E	Service	0.00
86	SJC	NULL	Service	2150.00	53	J	B	Service	800.00
80	Lopez	Ima	Service	3800.00	33	Holt	NULL	Service	1300.00
91	Argueta	Julio	Service	136.50	56	Hauling	Valley	Service	30712.00
97	Martinez	Eduardo	Service	450.00	60	Dugas	KH	Service	10000.00
98	Esperanza	Jose	Service	550.00	57	Sorto	Dionicio	Service	500.00
100	Benitez	NULL	Service	3500.00	49	Jack	Billy	Service	7750.87
93	Brimm	Richard	Service	160.00	64	Transport	Shah	Service	1290.00
87	Rojas	Pedro	Service	200.00	55	Schmitz	Glenn	Service	13210.00
66	Medina	David	Service	10592.59	44	Ted	NULL	Service	3565.00
68	Garibay	Marco	Service	1300.00	62	Loera	Ramon	Service	1100.00
69	Adam	NULL	Service	900.00	59	Hamrick	Bill	Service	4800.00
71	Stanley	Robert	Service	0.00	63	Contractors	Premium	Service	180.00
67	Hugh	NULL	Service	218.30	65	Alvaro	Edmund	Service	140.00
73	Castanon	Jose	Service	0.00	61	Truck	DAM	Service	13518.12
70	JJ	NULL	Service	16000.00	47	Salinas	Hector	Service	100.00
72	Gil	Rene	Service	2200.00	40	Trucking	Parody	Service	0.00
78	Hilby	NULL	Service	630.00	58	Sheridan	MJ	Service	300.00
79	Deramus	Johnny	Service	1100.00	48	Martin	Katia	Service	210.06
74	JB	NULL	Service	15990.00	54	Unlimited	Romar	Service	16754.80
75	Gilco	NULL	Service	13600.00	83	Selectrucks	NULL	Service	15990.00
76	Circle	NULL	Service	5000.00	1	American	Best	Service	2595.91
77	Olivares	Eliud	Service	10000.00	2	Cowgirl	NULL	Service	800.00
31	Agrueta	Fredy	Service	300.00	11	V Trucking	Circle	Service	75.00
34	Getachew	Ben	Service	400.00	12	Rush	NULL	Service	17975.00
29	Landscaping	Elite	Service	2000.00	15	Ramirez S...	Mariano	Service	9500.00
35	Cantu	Carlos	Service	940.00	16	Thomas	Kirk	Service	2934.97
28	Arebalo	Carlos	Service	460.00	17	Truck of H...	Performa...	Service	14500.00
30	Escobar	Leo	Service	4200.00	21	Murica	Oscar	Service	4500.00
27	Cicero	Jay	Service	6650.00	22	Rush	NULL	Service	270.53
36	Rancio	Gaston	Service	13100.00	23	Lopez	Bernardino	Service	2500.00

23	Lopez	Bernardino	Service	2500.00
13	Oilfield Ser...	Headway	Service	8500.00
14	Stroup	Paul	Service	2434.01
19	Trucking	Jag	Service	7840.00
24	Larret	NULL	Service	1250.00
26	Trucking	Red	Service	19670.00
18	D	John	Service	8475.00
25	Rush	NULL	Service	150.00
20	Rigoberto	Ramos	Service	750.00
4	Garcia	Ernesto	Service	1000.00
5	Nieto	Jaimes	Service	12000.00
6	County Land	Mid	Service	1000.00
7	Jachon	E	Service	4000.00
8	Chrome	ATC	Service	6000.00
9	Molina	John	Service	10000.00
10	Stair	Joseph	Service	2750.00
3	Melesio	NULL	Service	10001.00

Business Report 3: Employee Part Report

Report Description: Display employees that have worked with specific parts.

Report Purpose: The employee part report will provide Herrera Fabricating with better service planning that increases speed and quality of services. This is achieved by viewing which employees has experience with specific parts.

SQL Code:

```
SELECT SUPPLIER.SUPPLIER_NAME AS "Supplier", PART.PART_NAME AS "Part", EMPLOYEE.EMPLOYEE_ID AS "Employee ID",  
EMPLOYEE.EMPLOYEE_LNAME AS "Last Name", EMPLOYEE.EMPLOYEE_FNAME AS "First Name"  
  
FROM EMPLOYEE  
JOIN EMPLOYEE_SERVICE_LINE_ASSIGNMENT  
ON EMPLOYEE.EMPLOYEE_ID = EMPLOYEE_SERVICE_LINE_ASSIGNMENT.EMPLOYEE_ID  
JOIN SERVICE_LINE  
ON EMPLOYEE_SERVICE_LINE_ASSIGNMENT.SERVICE_LINE_ID = SERVICE_LINE.SERVICE_LINE_ID  
JOIN SERVICE_LINE_PART  
ON SERVICE_LINE.SERVICE_LINE_ID = SERVICE_LINE_PART.SERVICE_LINE_ID  
JOIN PART  
ON SERVICE_LINE_PART.PART_ID = PART.PART_ID  
JOIN SUPPLIER_PART  
ON PART.PART_ID = SUPPLIER_PART.PART_ID  
JOIN SUPPLIER  
ON SUPPLIER_PART.SUPPLIER_ID = SUPPLIER.SUPPLIER_ID  
|  
ORDER BY PART.PART_NAME;
```

Report/Query Results

Supplier	Part	Employee ID	Last Name	First Name
Buyers Products Company	A/C Compressor	6	Banegas	Gerson
Fruitland Manufacturing	Axle	16	Alanis	Roberto
Fruitland Manufacturing	Axle	10	Medina	Pedro
Fruitland Manufacturing	Axle	24	Torres	Hector
Fruitland Manufacturing	Axle	15	Carabez	Ricardo
Fruitland Manufacturing	Axle	15	Carabez	Ricardo
Fruitland Manufacturing	Axle	15	Carabez	Ricardo
Fruitland Manufacturing	Axle	8	Valadez	Hector
Fruitland Manufacturing	Axle	15	Carabez	Ricardo
Ridewell Suspensions	Battery	9	Puerto	Pedro
Aiman Products	Bed	8	Valadez	Hector
Aiman Products	Bed	6	Banegas	Gerson
Aiman Products	Bed	24	Torres	Hector
Anthony Liftgates, Inc	Box	19	Dominguez	Fidencio
Anthony Liftgates, Inc	Box	17	Alanis	Ernesto
Anthony Liftgates, Inc	Box	13	Castaneda	Juan
Anthony Liftgates, Inc	Box	12	Bibriesca	Luis
Anthony Liftgates, Inc	Box	12	Bibriesca	Luis
Anthony Liftgates, Inc	Box	24	Torres	Hector
Anthony Liftgates, Inc	Box	24	Torres	Hector
Anthony Liftgates, Inc	Box	24	Torres	Hector
Anthony Liftgates, Inc	Box	15	Carabez	Ricardo
Anthony Liftgates, Inc	Box	7	Barron	Victor
Anthony Liftgates, Inc	Box	16	Alanis	Roberto
Anthony Liftgates, Inc	Box	15	Carabez	Ricardo
Anthony Liftgates, Inc	Box	8	Valadez	Hector
Anthony Liftgates, Inc	Box	21	Bibriesca	Omar
Fruitland Manufacturing	Box Door	17	Alanis	Ernesto
Fruitland Manufacturing	Box Door	23	Hernandez	George
Fruitland Manufacturing	Box Door	19	Dominguez	Fidencio
Black Rose Steel & Trad...	Brakes	24	Torres	Hector
Black Rose Steel & Trad...	Brakes	24	Torres	Hector
Black Rose Steel & Trad...	Brakes	13	Castaneda	Juan
HIAB	Engine Fan	8	Valadez	Hector
Dayton Parts, LLC	Frame	17	Alanis	Ernesto
Dayton Parts, LLC	Frame	3	Martinez	Ignacio
Dayton Parts, LLC	Frame	9	Puerto	Pedro
Dayton Parts, LLC	Frame	8	Valadez	Hector
Dayton Parts, LLC	Frame	14	Avila	Carlos
Dayton Parts, LLC	Frame	14	Avila	Carlos
Dayton Parts, LLC	Frame	19	Dominguez	Fidencio
Dayton Parts, LLC	Frame	4	Castillo	Adrian

Supplier	Part	Employee ID	Last Name	First Name
Ridewell Suspensions	Front Bumper	6	Banegas	Gerson
Air Liquide	Fuel Injector	5	Banegas	Yeison
Air Liquide	Fuel Injector	4	Castillo	Adrian
Air Liquide	Fuel Injector	16	Alanis	Roberto
W&C - Watson & Chalin	Hitch	3	Martinez	Ignacio
W&C - Watson & Chalin	Hitch	11	Para	Omar
W&C - Watson & Chalin	Hitch	10	Medina	Pedro
W&C - Watson & Chalin	Hitch	21	Bibriesca	Omar
W&C - Watson & Chalin	Hitch	21	Bibriesca	Omar
Kyrish Truck Centers	Jack	20	Juarez	Manuel
Kyrish Truck Centers	Jack	9	Puerto	Pedro
Kyrish Truck Centers	Jack	12	Bibriesca	Luis
Kyrish Truck Centers	Jack	15	Carabez	Ricardo
Jackrabbit Steel Product...	Mount	6	Banegas	Gerson
Fleetrite	Muffler	17	Alanis	Ernesto
Fleetrite	Muffler	17	Alanis	Ernesto
Hendrickson	Paint	24	Torres	Hector
Hendrickson	Paint	21	Bibriesca	Omar
Hendrickson	Paint	17	Alanis	Ernesto
Hendrickson	Paint	24	Torres	Hector
Hendrickson	Paint	10	Medina	Pedro
Hendrickson	Paint	12	Bibriesca	Luis
Hendrickson	Paint	13	Castaneda	Juan
Hendrickson	Paint	24	Torres	Hector
Hendrickson	Paint	14	Avila	Carlos
Hendrickson	Paint	10	Medina	Pedro
Hendrickson	Paint	16	Alanis	Roberto
Hendrickson	Paint	21	Bibriesca	Omar
Link Manufacturing, Ltd	Piston	5	Banegas	Yeison
SSAB	Power Steerin...	20	Juarez	Manuel
United Truck Centers	Power Take-Off	9	Puerto	Pedro
United Truck Centers	Power Take-Off	21	Bibriesca	Omar
United Truck Centers	Power Take-Off	4	Castillo	Adrian
Airman Products	Radiator	7	Barron	Victor
Dayton Parts, LLC	Shock Absorb...	13	Castaneda	Juan
Link Manufacturing, Ltd	Steel	16	Alanis	Roberto
US Tarp	Tarp	23	Hernandez	George
US Tarp	Tarp	24	Torres	Hector
US Tarp	Tarp	24	Torres	Hector
US Tarp	Tarp	6	Banegas	Gerson
US Tarp	Tarp	14	Avila	Carlos
US Tarp	Tarp	23	Hernandez	George

US Tarp	Tarp	23	Hernandez	George
US Tarp	Tarp	10	Medina	Pedro
US Tarp	Tarp	24	Torres	Hector
US Tarp	Tarp	22	Alvarez	Luis
US Tarp	Tarp	24	Torres	Hector
US Tarp	Tarp	20	Juarez	Manuel
US Tarp	Tarp	5	Banegas	Yeison
Buyers Products Company	Tire	15	Carabez	Ricardo
United Truck Centers	Tire Pressure ...	18	Ramirez	Israel
Black Rose Steel & Trad...	Tool Box	3	Martinez	Ignacio
Black Rose Steel & Trad...	Tool Box	14	Avila	Carlos
Ridewell Suspensions	Trailer	17	Alanis	Ernesto
Ridewell Suspensions	Trailer	3	Martinez	Ignacio
Jackrabbit Steel Product...	Transmission	12	Bibriesca	Luis
Rush Truck Center - Aus...	Wheel	7	Barron	Victor
Rush Truck Center - Aus...	Wheel	8	Valadez	Hector

Report/Query Results

Business Report 4: Inactive Customer Report

Report Description: Display customers that have not had a service completed in over a year.

Report Purpose: The inactive customer report will provide Herrera Fabricating with all customers that have not had a service completed over a year. The report can be used to contact customers to have them return for another quality service or find why they have not returned to potentially improve business.

SQL Code:

```
SELECT Customer.C_FNAME AS "First Name", Customer.C_LNAME AS "Last Name", CUSTOMER_STATUS.ACTIVE
FROM Customer
JOIN CUSTOMER_STATUS
ON Customer.CUSTOMER_ID = CUSTOMER_STATUS.CUSTOMER_ID
JOIN CUSTOMER_ORDER
ON Customer.CUSTOMER_ID = CUSTOMER_ORDER.CUSTOMER_ID
JOIN SERVICE_ORDER
ON CUSTOMER_ORDER.SERVICE_ORDER_ID = SERVICE_ORDER.SERVICE_ORDER_ID

WHERE CUSTOMER_STATUS.C_ACTIVE = 2 OR CUSTOMER_STATUS.C_ACTIVE = 4 OR SERVICE_ORDER.ORDER_DATE < GETDATE()
ORDER BY CUSTOMER.C_LNAME;
```

Report/Query Results

First Name	Last Name	ACTIVE
NULL	Adam	INACTIVE
Fredy	Agrueta	INACTIVE
Edmund	Alvaro	INACTIVE
NULL	Anthony	INACTIVE
Carlos	Arebalo	INACTIVE
Julio	Argueta	INACTIVE
NULL	Benitez	INACTIVE
Richard	Brimm	INACTIVE
Carlos	Cantu	INACTIVE
Jose	Castanon	INACTIVE
Jay	Cicero	INACTIVE
NULL	Circle	INACTIVE
Premium	Contractors	INACTIVE
NULL	Cowgirl	INACTIVE-PREMIUM
Rigoberto	Cruz	INACTIVE
John	D	INACTIVE-PREMIUM
NULL	D&D	INACTIVE
Vince	Delivery	INACTIVE
Johnny	Deramus	INACTIVE
KH	Dugas	INACTIVE
Leo	Escobar	INACTIVE
Jose	Esperanza	INACTIVE
Rick	Fortenot	INACTIVE
Marco	Garibay	INACTIVE
Javier	Garza	INACTIVE
Ben	Getachew	INACTIVE
Rene	Gil	INACTIVE
George	Gilbert	INACTIVE
NULL	Gilco	INACTIVE
NULL	Grande	INACTIVE
Bill	Hamrick	INACTIVE
Valley	Hauling	INACTIVE
NULL	Hilby	INACTIVE
Bob	Hogan	INACTIVE
NULL	Holt	INACTIVE
Jason	Hronek	INACTIVE
NULL	Hugh	INACTIVE
B	J	INACTIVE
Billy	Jack	INACTIVE
NULL	JB	INACTIVE
NULL	JJ	INACTIVE
Elite	Landsea	INACTIVE

First Name	Last Name	ACTIVE
John	Lane	INACTIVE
NULL	Larret	INACTIVE-PREMIUM
Ramon	Loera	INACTIVE
Bernardino	Lopez	INACTIVE-PREMIUM
Ima	Lopez	INACTIVE
Francisco	Loya	INACTIVE
Katia	Martin	INACTIVE
Eduardo	Martinez	INACTIVE
Bo	McNeal	INACTIVE
David	Medina	INACTIVE
Oscar	Murica	INACTIVE-PREMIUM
Headway	Oilfield S...	INACTIVE-PREMIUM
NULL	OKB	INACTIVE
Eliud	Olivares	INACTIVE
Harold	Picton	INACTIVE
Visa	Pool	INACTIVE
Cesar	Quinonez	INACTIVE
Gaston	Raggio	INACTIVE
Mariano	Ramirez ...	INACTIVE-PREMIUM
Sandhu	Ranier	INACTIVE
Pedro	Rojas	INACTIVE
NULL	Rush	INACTIVE
NULL	Rush	INACTIVE-PREMIUM
NULL	Rush	INACTIVE-PREMIUM
Hector	Salinas	INACTIVE
Glenn	Schmitz	INACTIVE
NULL	Selectruc...	INACTIVE
MJ	Sheridan	INACTIVE
NULL	SJC	INACTIVE
Dionicio	Sorto	INACTIVE
NULL	South Te...	INACTIVE
Joseph	Stair	INACTIVE-PREMIUM
Robert	Stanley	INACTIVE
Paul	Stroup	INACTIVE-PREMIUM
NULL	Ted	INACTIVE
NULL	Texas	INACTIVE
Kirk	Thomas	INACTIVE-PREMIUM
R & A	Transport	INACTIVE
Shah	Transport	INACTIVE
DAM	Truck	INACTIVE
Refoma...	Truck of ...	INACTIVE-PREMIUM
Performa...	Truck of ...	INACTIVE-PREMIUM
Jag	Trucking	INACTIVE-PREMIUM
Parody	Trucking	INACTIVE
Red	Trucking	INACTIVE
Romar	Unlimited	INACTIVE
NULL	Vanguard	INACTIVE
E	Vasquez	INACTIVE

DATA**Customer**

Customer ID	Last Name	First name	Business Name
1	American	Best	Best American
2	Cowgirl		Cowgirl Trucking
3	Melesio		Texstar Excavating
4	Garcia	Ernesto	Ernesto Garcia Trucking
5	Nieto	Jaimes	Niceford
6	County Land	Mid	Mid County Land
7	Jachon	E	Jachon Int'l LTD
8	Chrome	ATC	Chrome ATC
9	Molina	John	
10	Stair	Joseph	
11	V Trucking	Circle	Circle V Trucking
12	Rush		Rush Truck-Austin
13	Oilfield Service	Headway	Headway Oilfield Service
14	Stroup	Paul	Paul Stroup Custom Dozing
15	Ramirez Saldana	Mariano	
16	Thomas	Kirk	
17	Truck of Houston	Performance	Performance Truck of Houston
18	D	John	Clifton Chevrolet
19	Trucking	Jag	Jag Trucking
20	Rigoberto	Ramos	
21	Murica	Oscar	
22	Rush		Rush Truck-San Antonio
23	Lopez	Bernardino	AB Trucking
24	Larret		Larrett Inc
25	Rush		Rush Truck-Houston
26	Trucking	Red	Red Trucking
27	Cicero	Jay	
28	Arebalo	Carlos	
29	Landscaping	Elite	Elite Landscaping
30	Escobar	Leo	
31	Agrueta	Fredy	
32	Transport	R & A	R & A Transport Inc
33	Holt		Holt Tuck Centers CAT
34	Getachew	Ben	
35	Cantu	Carlos	Raga Equipment
36	Raggio	Gaston	

37	Grande		Grande Sales & Services
38	Hronek	Jason	H&H Top Soil and Select Fill
39	Loya	Francisco	
40	Trucking	Parody	Parody Trucking
41	Quinonez	Cesar	SM Trucking
42	Fontenot	Rick	
43	Gilbert	George	George Gilbert Enterprises
44	Ted		CKG Services
45	Anthony		Cowboy Top Soil
46	Picton	Harold	Coast Materials Inc
47	Salinas	Hector	H Salinas Trucking
48	Martin	Katia	
49	Jack	Billy	Billy Jack Construction Co
50	Vasquez	E	
51	Delivery	Vince	Vince Delivery
52	Pool	Visa	Visa Pool Plastering
53	J	B	BJ Vacumme
54	Unlimited	Romar	Romar Unlimited Incorporation
55	Schmitz	Glenn	J&B Pavelk Inc.
56	Hauling	Valley	Hauling Valley LLC
57	Sorto	Dionicio	
58	Sheridan	MJ	
59	Hamrick	Bill	FAA Truck
60	Dugas	KH	
61	Truck	DAM	DAM Truck Services
62	Loera	Ramon	
63	Contractors	Premium	Premium Contractors
64	Transport	Shah	Shah Transport LLC
65	Alvaro	Edmund	
66	Medina	David	
67	Hugh		Hughes Trucking
68	Garibay	Marco	
69	Adam		Adam Trucking
70	JJ		JJ Excavation
71	Stanley	Robert	
72	Gil	Rene	
73	Castanon	Jose	Clark Freight Lines Inc
74	JB		JB Ranch
75	Gilco		Gilco Contracting
76	Circle		Circle M Transport
77	Olivares	Eliud	Elite HTX Trucking LLC

78	Hilby		Hilby Limited Trucking
79	Deramus	Johnny	Jonny Deramus Dump Truck Servic LLC
80	Lopez	Irma	
81	Lane	John	Houston Tree Transplanting
82	D&D		D&D Truck Sales Inc
83	Selectrucks		Selectrucks Of Houston
84	Rush		Rush Truck-Waco
85	South Texas		South Texas Logging & Transport
86	SJC		SJC Trucking
87	Rojas	Pedro	
88	OKB		OKB Transport
89	Texas		Texas Truck Sales
90	Vanguard		Vanguard Truck Center
91	Argueta	Julio	
92	Ranier	Sandhu	
93	Brimm	Richard	
94	Cruz	Rigoberto	
95	McNeal	Bo	
96	Garza	Javier	
97	Martinez	Eduardo	
98	Esperanza	Jose	
99	Hogan	Bob	General Parts & Supply
100	Benitez		Benitez Trucking Enterprises

PAYMENT

PMT NUM	PMT ID	PMT TYPE	PMT AMT
1	3	Check	\$2,656.00
2	2	Card	\$800.00
3	3	Check	\$10,001.00
4	2	Card	\$1,000.00
5	3	Check	\$12,000.00
6	2	Card	\$1,000.00
7	3	Check	\$10,000.00
8	3	Check	\$6,000.00
9	3	Check	\$10,000.00
10	2	Card	\$2,976.88
11	1	Cash	\$81.19
12	3	Check	\$17,975.00
13	3	Check	\$8,500.00
14	2	Card	\$2,619.65
15	3	Check	\$10,283.75
16	3	Check	\$3,135.86
17	3	Check	\$14,500.00
18	3	Check	\$8,475.00
19	3	Check	\$8,417.50
20	2	Card	\$750.00
21	3	Check	\$4,871.25
22	2	Card	\$270.53
23	2	Card	\$2,706.25
24	2	Card	\$1,250.00
25	1	Cash	\$150.00
26	3	Check	\$21,358.78
27	3	Check	\$7,074.88
28	2	Card	\$460.00
29	2	Card	\$2,000.00
30	3	Check	\$4,546.50
31	2	Card	\$324.75
32	2	Card	\$1,461.38
33	2	Card	\$1,300.00
34	2	Card	\$400.00
35	3	Check	\$1,017.50
36	3	Check	\$13,100.00
37	3	Check	\$13,950.00
38	3	Check	\$15,374.88
39	1	Cash	\$150.00

40	1	Cash	\$0.00
41	1	Cash	\$45.00
42	2	Card	\$1,250.00
43	3	Check	\$20,620.02
44	3	Check	\$3,859.11
45	2	Card	\$1,273.62
46	3	Check	\$18,383.92
47	1	Cash	\$108.25
48	2	Card	\$227.39
49	3	Check	\$7,928.32
50	1	Cash	\$0.00
51	1	Cash	\$80.00
52	3	Check	\$6,800.00
53	2	Card	\$1,800.00
54	2	Card	\$325.00
55	2	Card	\$750.00
56	2	Card	\$1,360.00
57	3	Check	\$3,175.00
58	2	Card	\$900.00
59	3	Check	\$5,400.00
60	3	Check	\$8,000.00
61	2	Card	\$960.00
62	2	Card	\$1,850.00
63	2	Card	\$1,750.00
64	3	Check	\$4,496.00
65	3	Check	\$6,300.00
66	2	Card	\$350.00
67	2	Card	\$500.00
68	2	Card	\$90.00
69	3	Check	\$7,240.00
70	3	Check	\$10,300.00
71	2	Card	\$750.00
72	2	Card	\$1,800.00
73	3	Check	\$6,800.00
74	2	Card	\$1,800.00
75	2	Card	\$325.00
76	2	Card	\$750.00
77	2	Card	\$1,360.00
78	2	Card	\$800.00
79	3	Check	\$6,290.00
80	3	Check	\$4,500.00

81	2	Card	\$1,350.00
82	3	Check	\$2,500.00
83	2	Card	\$1,360.00
84	3	Check	\$10,500.00
85	2	Card	\$750.00
86	2	Card	\$750.00
87	3	Check	\$12,600.00
88	2	Card	\$1,850.00
89	2	Card	\$750.00
90	3	Check	\$3,200.00
91	3	Check	\$3,000.00
92	3	Check	\$4,600.00
93	2	Card	\$200.00
94	3	Check	\$2,200.00
95	2	Card	\$1,200.00
96	3	Check	\$6,500.00
97	2	Card	\$250.00
98	2	Card	\$500.00
99	2	Card	\$1,500.00
100	2	Card	\$300.00
101	2	Card	\$900.00
102	2	Card	\$2,000.00
103	3	Check	\$4,800.00
104	3	Check	\$9,800.00
105	3	Check	\$10,000.00
106	3	Check	\$9,518.12
107	3	Check	\$2,400.00
108	3	Check	\$1,600.00

SERVICE_LINE

SERVICE_LINE_ID	SERVICE_ID	SERVICE_ORDER_ID	LINE_DATE	LINE_COST
1	1	1	1/2/2021	2595.91
2	2	2	1/3/2021	800
3	3	3	12/17/2021	10001
4	4	4	11/15/2021	1000
5	5	5	11/15/2021	12000
6	6	6	11/15/2021	1000
7	7	7	11/15/2021	4000
8	8	8	11/15/2021	6000
9	9	9	11/15/2021	10000
10	10	10	11/15/2021	2750
11	11	11	1/8/2021	75

12	12	12	1/8/2021	17975
13	13	13	1/25/2021	8500
14	14	14	1/29/2021	2434.01
15	15	15	1/15/2021	9500
16	16	16	1/15/2021	2934.97
17	17	17	1/15/2021	14500
18	18	18	2/2/2021	8475
19	19	19	1/29/2021	7840
20	20	20	7/26/2021	750
21	21	21	1/18/2021	4500
22	22	22	1/22/2021	270.53
23	23	23	1/24/2021	2500
24	24	24	1/29/2021	1250
25	25	25	3/22/2021	150
26	26	26	1/30/2021	19670
27	27	27	2/15/2020	6650
28	28	28	2/14/2020	460
29	29	29	2/9/2020	2000
30	30	30	2/14/2020	4200
31	31	31	2/2/2020	300
32	32	32	2/20/2020	1350
33	33	33	3/21/2020	1300
34	34	34	2/8/2020	400
35	35	35	2/12/2020	940
36	36	36	2/15/2020	13100
37	37	37	2/21/2020	13950
38	38	38	2/21/2020	14290
39	39	39	2/28/2020	150
40	40	40	5/17/2020	0
41	41	41	3/6/2020	45
42	42	42	2/28/2020	1250
43	43	43	2/27/2020	20620.02
44	44	44	4/3/2020	3565
45	45	45	3/1/2020	1190.12
46	46	46	3/5/2020	17056
47	47	47	5/14/2020	100
48	48	48	8/8/2020	210.06
49	49	49	3/29/2020	7750.87
50	50	50	3/15/2020	0
51	51	51	3/13/2020	5400
52	52	52	3/14/2020	7240

53	53	53	3/20/2020	800
54	54	54	10/11/2020	16754.8
55	55	55	3/31/2020	13210
56	56	56	3/22/2020	30712
57	57	57	3/27/2020	500
58	58	58	6/4/2020	300
59	59	59	4/9/2020	4800
60	60	60	3/22/2020	10000
61	61	61	4/19/2020	13518.12
62	62	62	4/3/2020	1100
63	63	63	4/11/2020	180
64	64	64	3/29/2020	1290
65	65	65	4/12/2020	140
66	66	66	4/2/2019	10592.59
67	67	67	4/3/2019	218.3
68	68	68	4/2/2019	1300
69	69	69	4/3/2019	900
70	70	70	4/9/2019	16000
71	71	71	4/3/2019	0
72	72	72	4/10/2019	2200
73	73	73	4/5/2019	0
74	74	74	11/15/2019	15990
75	75	75	11/15/2019	13600
76	76	76	11/15/2019	5000
77	77	77	11/15/2019	10000
78	78	78	4/10/2019	630
79	79	79	4/11/2019	1100
80	80	80	4/30/2018	3800
81	81	81	4/26/2018	450
82	82	82	4/16/2018	500
83	83	83	12/23/2020	15990
84	84	84	4/17/2018	19750
85	85	85	4/26/2018	7450
86	86	86	4/26/2018	2150
87	87	87	6/28/2018	200
88	88	88	4/18/2018	4500
89	89	89	4/26/2018	13920
90	90	90	4/19/2018	12700
91	91	91	4/30/2018	136.5
92	92	92	4/19/2018	5500
93	93	93	5/10/2018	160

94	94	94	4/24/2018	450
95	95	95	4/26/2018	3500
96	96	96	4/23/2018	600
97	97	97	4/30/2018	450
98	98	98	4/30/2018	550
99	99	99	1/28/2018	0
100	100	100	5/8/2018	3500
101	101	101	5/30/2018	600
102	102	102	5/2/2018	450
103	103	103	5/3/2018	15660
104	104	104	5/2/2018	1000
105	105	105	5/2/2018	550
106	106	106	5/10/2018	6250
107	107	107	11/15/2018	12900
108	108	108	1/28/2018	3500
109	109	109	11/15/2018	6000

INVOICE_PAYMENT

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