	Real	
	AVG(capital)	**COUNT(*)**
0	899.726998	46692

	Synthetic	
	AVG(capital)	**COUNT(*)**
0	1.238597	46032

SQL for Real:
SELECT AVG(capital), COUNT(*) FROM C1 WHERE (education <> 'Masters') OR (occupation IN ('Transport-moving', 'Exec-managerial', 'Other-service', 'Priv-house-serv') AND `native.country` LIKE 'United-States') AND ((capital BETWEEN 0 AND 0) AND race = 'White') OR (`marital.status` = 'Married-civ-spouse' OR fnlwgt BETWEEN 54595 AND 680390) AND (sex IN ('Female', 'Male') AND relationship LIKE 'Unmarried') AND (income LIKE '<=50K' AND `hours.per.week` BETWEEN 50 AND 60)

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(capital), COUNT(*) FROM C1_syn_06 WHERE (education <> 'Masters') OR (occupation IN ('Transport-moving', 'Exec-managerial', 'Other-service', 'Priv-house-serv') AND `native.country` LIKE 'United-States') AND ((capital BETWEEN 0 AND 0) AND race = 'White') OR (`marital.status` = 'Married-civ-spouse' OR fnlwgt BETWEEN 54595 AND 680390) AND (sex IN ('Female', 'Male') AND relationship LIKE 'Unmarried') AND (income LIKE '<=50K' AND `hours.per.week` BETWEEN 50 AND 60)

Resulted in 1 records

Aggregate value difference between real and synthetic: (898.4884015566286)

Count value difference between real and synthetic: (660.0)

==

	Real	
	SUM(fnlwgt)	**COUNT(*)**
0	None	0

	Synthetic	
	SUM(fnlwgt)	**COUNT(*)**
0	None	0

SQL for Real:
SELECT SUM(fnlwgt), COUNT(*) FROM C1 WHERE (`marital.status` LIKE 'Never-married') AND (relationship IN ('Unmarried', 'Husband', 'Wife') OR fnlwgt BETWEEN 132053 AND 138153) AND (education <> 'Bachelors' AND age = 70) AND (`hours.per.week` < 40 AND capital BETWEEN 0 AND 0) AND (race = 'White' AND sex = 'Male')

Resulted in 1 records

SQL for Synthetic:
SELECT SUM(fnlwgt), COUNT(*) FROM C1_syn_06 WHERE (`marital.status` LIKE 'Never-married') AND (relationship IN ('Unmarried', 'Husband', 'Wife') OR fnlwgt BETWEEN 132053 AND 138153) AND (education <> 'Bachelors' AND age = 70) AND (`hours.per.week` < 40 AND capital BETWEEN 0 AND 0) AND (race = 'White' AND sex = 'Male')

Resulted in 1 records

Aggregate value difference between real and synthetic: (nan)

Count value difference between real and synthetic: (0)

==

	Real	
	AVG(fnlwgt)	**COUNT(*)**
0	189581.490754	48776

	Synthetic	
	AVG(fnlwgt)	**COUNT(*)**
0	180545.418132	48836

SQL for Real:
SELECT AVG(fnlwgt), COUNT(*) FROM C1 WHERE (`marital.status` <> 'Widowed' AND `native.country` = 'United-States') OR (workclass = 'Private' OR education LIKE 'Prof-school') OR ((fnlwgt BETWEEN 48520 AND 208358) OR capital <= 0)

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(fnlwgt), COUNT(*) FROM C1_syn_06 WHERE (`marital.status` <> 'Widowed' AND `native.country` = 'United-States') OR (workclass = 'Private' OR education LIKE 'Prof-school') OR ((fnlwgt BETWEEN 48520 AND 208358) OR capital <= 0)

Resulted in 1 records

Aggregate value difference between real and synthetic: (9036.072621159401)

Count value difference between real and synthetic: (60.0)

==

	Real	
	AVG(fnlwgt)	**COUNT(*)**
0	189683.632059	48804

	Synthetic	
	AVG(fnlwgt)	**COUNT(*)**
0	180573.810212	48827

SQL for Real:
SELECT AVG(fnlwgt), COUNT(*) FROM C1 WHERE (occupation IN ('Transport-moving', 'Adm-clerical', 'Craft-repair', 'Prof-specialty', 'Exec-managerial', 'Machine-op-inspct', 'Priv-house-serv', 'Protective-serv', 'Sales', 'Other-service', 'Handlers-cleaners') OR `hours.per.week` > 40) OR (age <> 44 OR race <> 'White') OR ((fnlwgt BETWEEN 82049 AND 94809) OR `native.country` <> 'United-States')

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(fnlwgt), COUNT(*) FROM C1_syn_06 WHERE (occupation IN ('Transport-moving', 'Adm-clerical', 'Craft-repair', 'Prof-specialty', 'Exec-managerial', 'Machine-op-inspct', 'Priv-house-serv', 'Protective-serv', 'Sales', 'Other-service', 'Handlers-cleaners') OR `hours.per.week` > 40) OR (age <> 44 OR race <> 'White') OR ((fnlwgt BETWEEN

82049 AND 94809) OR `native.country` <> 'United-States')

Resulted in 1 records

Aggregate value difference between real and synthetic: (9109.821846546722)

Count value difference between real and synthetic: (23.0)

===

Real
	AVG(fnlwgt)	COUNT(*)
0	190090.404993	43781

Synthetic
	AVG(fnlwgt)	COUNT(*)
0	177694.051693	19509

SQL for Real:
SELECT AVG(fnlwgt), COUNT(*) FROM C1 WHERE (age BETWEEN 28 AND 35) OR (sex = 'Male' OR `marital.status` <> 'Married-civ-spouse') AND (fnlwgt <> 200318 AND `hours.per.week` = 25) AND (race = 'Black' AND income <> '<=50K') AND (occupation LIKE 'Prof-specialty' AND education = 'Some-college') OR (`native.country` IN ('South', 'Dominican-Republic', 'Italy', 'China', 'Puerto-Rico') OR capital BETWEEN 0 AND 0)

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(fnlwgt), COUNT(*) FROM C1_syn_06 WHERE (age BETWEEN 28 AND 35) OR (sex = 'Male' OR `marital.status` <> 'Married-civ-spouse') AND (fnlwgt <> 200318 AND `hours.per.week` = 25) AND (race = 'Black' AND income <> '<=50K') AND (occupation LIKE 'Prof-specialty' AND education = 'Some-college') OR (`native.country` IN ('South', 'Dominican-Republic', 'Italy', 'China', 'Puerto-Rico') OR capital BETWEEN 0 AND 0)

Resulted in 1 records

Aggregate value difference between real and synthetic: (12396.353300375544)

Count value difference between real and synthetic: (24272.0)

===

Real
	AVG(fnlwgt)	COUNT(*)
0	189979.424142	42672

Synthetic
	AVG(fnlwgt)	COUNT(*)
0	171971.901291	203

SQL for Real:
SELECT AVG(fnlwgt), COUNT(*) FROM C1 WHERE (capital BETWEEN 0 AND 0) OR (occupation LIKE 'Machine-op-inspct' AND `marital.status` IN ('Divorced', 'Married-civ-spouse')) AND (age >= 39 AND fnlwgt = 234386) OR (education <> 'HS-grad' OR income <> '<=50K') AND (`native.country` = 'United-States' AND `hours.per.week` >= 40) AND (race = 'White' AND workclass = 'Federal-gov')

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(fnlwgt), COUNT(*) FROM C1_syn_06 WHERE (capital BETWEEN 0 AND 0) OR (occupation LIKE 'Machine-op-inspct' AND `marital.status` IN ('Divorced', 'Married-civ-spouse')) AND (age >= 39 AND fnlwgt = 234386) OR (education <> 'HS-grad' OR income <> '<=50K') AND (`native.country` = 'United-States' AND `hours.per.week` >= 40) AND (race = 'White' AND workclass = 'Federal-gov')

Resulted in 1 records

Aggregate value difference between real and synthetic: (18007.52285104597)

Count value difference between real and synthetic: (42469.0)

===

Real
	MAX(age)	COUNT(*)
0	90	48678

Synthetic
	MAX(age)	COUNT(*)
0	90	48113

SQL for Real:
SELECT MAX(age), COUNT(*) FROM C1 WHERE (workclass LIKE 'Private' OR `native.country` <> 'United-States') OR (occupation <> 'Craft-repair' OR capital = 0)

Resulted in 1 records

SQL for Synthetic:
SELECT MAX(age), COUNT(*) FROM C1_syn_06 WHERE (workclass LIKE 'Private' OR `native.country` <> 'United-States') OR (occupation <> 'Craft-repair' OR capital = 0)

Resulted in 1 records

Aggregate value difference between real and synthetic: (0)

Count value difference between real and synthetic: (565)

===

Real
	SUM(capital)	COUNT(*)
0	8712180	16065

Synthetic
	SUM(capital)	COUNT(*)
0	17651.934028	17114

SQL for Real:

SELECT SUM(capital), COUNT(*) FROM C1 WHERE (capital >= -1977 AND sex <> 'Male')

Resulted in 1 records

SQL for Synthetic:
SELECT SUM(capital), COUNT(*) FROM C1_syn_06 WHERE (capital >= -1977 AND sex <> 'Male')

Resulted in 1 records

Aggregate value difference between real and synthetic: (8694528.06597241)

Count value difference between real and synthetic: (1049.0)

==

	Real	
	SUM(age)	**COUNT(*)**
0	1799855	46631

	Synthetic	
	SUM(age)	**COUNT(*)**
0	1887430	48842

SQL for Real:
SELECT SUM(age), COUNT(*) FROM C1 WHERE (fnlwgt >= 37997) OR (education LIKE 'Some-college' OR relationship = 'Unmarried') AND (age < 46 AND `marital.status` IN ('Married-AF-spouse', 'Widowed', 'Married-spouse-absent', 'Separated', 'Divorced', 'Married-civ-spouse')) AND (workclass IN ('State-gov', 'Local-gov', 'Self-emp-not-inc', 'Private', 'Self-emp-inc') AND `native.country` <> 'United-States')

Resulted in 1 records

SQL for Synthetic:
SELECT SUM(age), COUNT(*) FROM C1_syn_06 WHERE (fnlwgt >= 37997) OR (education LIKE 'Some-college' OR relationship = 'Unmarried') AND (age < 46 AND `marital.status` IN ('Married-AF-spouse', 'Widowed', 'Married-spouse-absent', 'Separated', 'Divorced', 'Married-civ-spouse')) AND (workclass IN ('State-gov', 'Local-gov', 'Self-emp-not-inc', 'Private', 'Self-emp-inc') AND `native.country` <> 'United-States')

Resulted in 1 records

Aggregate value difference between real and synthetic: (87575)

Count value difference between real and synthetic: (2211)

==

	Real	
	AVG(age)	**COUNT(*)**
0	27.046574	8567

	Synthetic	
	AVG(age)	**COUNT(*)**
0	27.046574	8567

SQL for Real:
SELECT AVG(age), COUNT(*) FROM C1 WHERE (age BETWEEN 24 AND 30)

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(age), COUNT(*) FROM C1_syn_06 WHERE (age BETWEEN 24 AND 30)

Resulted in 1 records

Aggregate value difference between real and synthetic: (0.0)

Count value difference between real and synthetic: (0.0)

==

	Real	
	AVG(fnlwgt)	**COUNT(*)**
0	170562.774510	204

	Synthetic	
	AVG(fnlwgt)	**COUNT(*)**
0	169794.410186	215

SQL for Real:
SELECT AVG(fnlwgt), COUNT(*) FROM C1 WHERE (race = 'White' AND age = 66)

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(fnlwgt), COUNT(*) FROM C1_syn_06 WHERE (race = 'White' AND age = 66)

Resulted in 1 records

Aggregate value difference between real and synthetic: (768.3643242847174)

Count value difference between real and synthetic: (11.0)

==

	Real	
	MAX(age)	**COUNT(*)**
0	90	43512

	Synthetic	
	MAX(age)	**COUNT(*)**
0	90	45112

SQL for Real:

SELECT MAX(age), COUNT(*) FROM C1 WHERE (sex <> 'Female' AND `native.country` <> 'Mexico') OR ((age BETWEEN 32 AND 35) OR relationship <> 'Not-in-family') OR (income <> '>50K' OR `hours.per.week` BETWEEN 40 AND 40) AND (capital < 0 AND education <> 'HS-grad') OR (workclass LIKE 'Private' OR race <> 'Black') AND (occupation IN ('Armed-Forces', 'Sales', 'Transport-moving', '?', 'Priv-house-serv', 'Farming-fishing', 'Other-service', 'Protective-serv', 'Exec-managerial', 'Machine-op-inspct', 'Craft-repair', 'Prof-specialty', 'Handlers-cleaners') AND `marital.status` = 'Married-civ-spouse')

Resulted in 1 records

SQL for Synthetic:
SELECT MAX(age), COUNT(*) FROM C1_syn_06 WHERE (sex <> 'Female' AND `native.country` <> 'Mexico') OR ((age BETWEEN 32 AND 35) OR relationship <> 'Not-in-family') OR (income <> '>50K' OR `hours.per.week` BETWEEN 40 AND 40) AND (capital < 0 AND education <> 'HS-grad') OR (workclass LIKE 'Private' OR race <> 'Black') AND (occupation IN ('Armed-Forces', 'Sales', 'Transport-moving', '?', 'Priv-house-serv', 'Farming-fishing', 'Other-service', 'Protective-serv', 'Exec-managerial', 'Machine-op-inspct', 'Craft-repair', 'Prof-specialty', 'Handlers-cleaners') AND `marital.status` = 'Married-civ-spouse')

Resulted in 1 records

Aggregate value difference between real and synthetic: (0)

Count value difference between real and synthetic: (1600)

==

Real

	SUM(fnlwgt)	COUNT(*)
0	9263575662	48842

Synthetic

	SUM(fnlwgt)	COUNT(*)
0	8814284032.963608	48813

SQL for Real:
SELECT SUM(fnlwgt), COUNT(*) FROM C1 WHERE (`marital.status` LIKE 'Never-married' AND `hours.per.week` < 15) OR (race = 'White' OR `native.country` = 'United-States') OR (income <> '<=50K' OR occupation <> 'Handlers-cleaners') OR (capital >= 0 OR relationship = 'Husband')

Resulted in 1 records

SQL for Synthetic:
SELECT SUM(fnlwgt), COUNT(*) FROM C1_syn_06 WHERE (`marital.status` LIKE 'Never-married' AND `hours.per.week` < 15) OR (race = 'White' OR `native.country` = 'United-States') OR (income <> '<=50K' OR occupation <> 'Handlers-cleaners') OR (capital >= 0 OR relationship = 'Husband')

Resulted in 1 records

Aggregate value difference between real and synthetic: (449291629.0363922)

Count value difference between real and synthetic: (29.0)

==

Real

	AVG(capital)	COUNT(*)
0	None	0

Synthetic

	AVG(capital)	COUNT(*)
0	None	0

SQL for Real:
SELECT AVG(capital), COUNT(*) FROM C1 WHERE (`marital.status` <> 'Divorced' AND workclass = 'Private') AND (relationship LIKE 'Other-relative' AND capital BETWEEN 0 AND -1590) AND (age >= 52 AND fnlwgt BETWEEN 419146 AND 37088)

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(capital), COUNT(*) FROM C1_syn_06 WHERE (`marital.status` <> 'Divorced' AND workclass = 'Private') AND (relationship LIKE 'Other-relative' AND capital BETWEEN 0 AND -1590) AND (age >= 52 AND fnlwgt BETWEEN 419146 AND 37088)

Resulted in 1 records

Aggregate value difference between real and synthetic: (nan)

Count value difference between real and synthetic: (0)

==

Real

	SUM(capital)	COUNT(*)
0	48347234	48810

Synthetic

	SUM(capital)	COUNT(*)
0	62611.987286	48838

SQL for Real:
SELECT SUM(capital), COUNT(*) FROM C1 WHERE (age = 67 AND sex = 'Male') OR (occupation <> 'Transport-moving' OR race IN ('Amer-Indian-Eskimo', 'Asian-Pac-Islander', 'Other', 'Black')) OR (`marital.status` LIKE 'Married-civ-spouse' OR income <> '>50K')

Resulted in 1 records

SQL for Synthetic:
SELECT SUM(capital), COUNT(*) FROM C1_syn_06 WHERE (age = 67 AND sex = 'Male') OR (occupation <> 'Transport-moving' OR race IN ('Amer-Indian-Eskimo', 'Asian-Pac-Islander', 'Other', 'Black')) OR (`marital.status` LIKE 'Married-civ-spouse' OR income <> '>50K')

Resulted in 1 records

Aggregate value difference between real and synthetic: (48284622.01271395)

Count value difference between real and synthetic: (28.0)

==

	AVG(fnlwgt)	COUNT(*)
0	197963.304222	17645

Synthetic

	AVG(fnlwgt)	COUNT(*)
0	186656.103515	11190

SQL for Real:
SELECT AVG(fnlwgt), COUNT(*) FROM C1 WHERE (`hours.per.week` <= 45) AND (income IN ('<=50K', '>50K') OR `marital.status` = 'Married-civ-spouse') AND ((capital BETWEEN -2444 AND 0) AND age <= 35) OR (occupation LIKE 'Other-service' OR fnlwgt = 172307) AND (relationship IN ('Unmarried', 'Husband', 'Wife') AND `native.country` <> 'Japan') AND (race LIKE 'White' AND education LIKE '9th')

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(fnlwgt), COUNT(*) FROM C1_syn_06 WHERE (`hours.per.week` <= 45) AND (income IN ('<=50K', '>50K') OR `marital.status` = 'Married-civ-spouse') AND ((capital BETWEEN -2444 AND 0) AND age <= 35) OR (occupation LIKE 'Other-service' OR fnlwgt = 172307) AND (relationship IN ('Unmarried', 'Husband', 'Wife') AND `native.country` <> 'Japan') AND (race LIKE 'White' AND education LIKE '9th')

Resulted in 1 records

Aggregate value difference between real and synthetic: (11307.200707007287)

Count value difference between real and synthetic: (6455.0)

==

Real

	SUM(capital)	COUNT(*)
0	18504377	31917

Synthetic

	SUM(capital)	COUNT(*)
0	31650.970869	19502

SQL for Real:
SELECT SUM(capital), COUNT(*) FROM C1 WHERE (sex <> 'Male' OR capital > 0) AND ((fnlwgt BETWEEN 325033 AND 169841) AND age = 33) OR (occupation LIKE 'Other-service' OR `hours.per.week` = 40) OR (relationship IN ('Unmarried', 'Own-child') OR `native.country` IN ('England', 'Japan', 'Laos', 'France', 'Ecuador', 'Peru', 'Guatemala', 'Honduras', 'Philippines', 'Trinadad&Tobago', 'Germany', 'Mexico', 'Scotland', 'Taiwan', 'El-Salvador', 'Holand-Netherlands', 'Hong', 'Jamaica', 'Outlying-US(Guam-USVI-etc)', 'Haiti'))

Resulted in 1 records

SQL for Synthetic:
SELECT SUM(capital), COUNT(*) FROM C1_syn_06 WHERE (sex <> 'Male' OR capital > 0) AND ((fnlwgt BETWEEN 325033 AND 169841) AND age = 33) OR (occupation LIKE 'Other-service' OR `hours.per.week` = 40) OR (relationship IN ('Unmarried', 'Own-child') OR `native.country` IN ('England', 'Japan', 'Laos', 'France', 'Ecuador', 'Peru', 'Guatemala', 'Honduras', 'Philippines', 'Trinadad&Tobago', 'Germany', 'Mexico', 'Scotland', 'Taiwan', 'El-Salvador', 'Holand-Netherlands', 'Hong', 'Jamaica', 'Outlying-US(Guam-USVI-etc)', 'Haiti'))

Resulted in 1 records

Aggregate value difference between real and synthetic: (18472726.029130653)

Count value difference between real and synthetic: (12415.0)

==

Real

	MIN(age)	COUNT(*)
0	18	1230

Synthetic

	MIN(age)	COUNT(*)
0	17	4617

SQL for Real:
SELECT MIN(age), COUNT(*) FROM C1 WHERE (capital > 0) AND (workclass <> 'Self-emp-inc' AND race IN ('Asian-Pac-Islander', 'Black', 'White', 'Amer-Indian-Eskimo')) AND (occupation IN ('Priv-house-serv', 'Adm-clerical', 'Sales', 'Prof-specialty') AND `hours.per.week` >= 40)

Resulted in 1 records

SQL for Synthetic:
SELECT MIN(age), COUNT(*) FROM C1_syn_06 WHERE (capital > 0) AND (workclass <> 'Self-emp-inc' AND race IN ('Asian-Pac-Islander', 'Black', 'White', 'Amer-Indian-Eskimo')) AND (occupation IN ('Priv-house-serv', 'Adm-clerical', 'Sales', 'Prof-specialty') AND `hours.per.week` >= 40)

Resulted in 1 records

Aggregate value difference between real and synthetic: (1)

Count value difference between real and synthetic: (3387)

==

Real

	AVG(fnlwgt)	COUNT(*)
0	194690.867131	26402

Synthetic

	AVG(fnlwgt)	COUNT(*)
0	181025.104099	35554

SQL for Real:
SELECT AVG(fnlwgt), COUNT(*) FROM C1 WHERE (relationship <> 'Husband' AND income LIKE '<=50K') AND (education LIKE 'HS-grad' AND fnlwgt = 197484) OR (`native.country` <> 'United-States' OR `marital.status` IN ('Divorced', 'Never-married')) OR (sex <> 'Male' OR `hours.per.week` = 60) AND (occupation <> 'Adm-clerical' AND race <> 'White')

Resulted in 1 records

Resulted in 1 records

Aggregate value difference between real and synthetic: (13665.76303240456)

Count value difference between real and synthetic: (9152.0)

==

Real

	SUM(capital)	COUNT(*)
0	11930414	17689

Synthetic

	SUM(capital)	COUNT(*)
0	333463.894428	29147

SQL for Real:
SELECT SUM(capital), COUNT(*) FROM C1 WHERE (age <= 37 AND income = '<=50K') AND (`native.country` = 'United-States' AND capital > 0) OR ((fnlwgt BETWEEN 158846 AND 80123) OR `marital.status` IN ('Married-spouse-absent', 'Separated', 'Divorced', 'Widowed')) OR (workclass LIKE 'Private' OR relationship LIKE 'Husband') AND (race <> 'Asian-Pac-Islander' AND `hours.per.week` < 40)

Resulted in 1 records

SQL for Synthetic:
SELECT SUM(capital), COUNT(*) FROM C1_syn_06 WHERE (age <= 37 AND income = '<=50K') AND (`native.country` = 'United-States' AND capital > 0) OR ((fnlwgt BETWEEN 158846 AND 80123) OR `marital.status` IN ('Married-spouse-absent', 'Separated', 'Divorced', 'Widowed')) OR (workclass LIKE 'Private' OR relationship LIKE 'Husband') AND (race <> 'Asian-Pac-Islander' AND `hours.per.week` < 40)

Resulted in 1 records

Aggregate value difference between real and synthetic: (11596950.1055723)

Count value difference between real and synthetic: (11458.0)

==

Real

	AVG(fnlwgt)	COUNT(*)
0	189593.825346	48805

Synthetic

	AVG(fnlwgt)	COUNT(*)
0	180571.873902	48841

SQL for Real:
SELECT AVG(fnlwgt), COUNT(*) FROM C1 WHERE (age BETWEEN 53 AND 51) OR ((`hours.per.week` BETWEEN 50 AND 40) OR fnlwgt BETWEEN 46395 AND 206399) OR (race LIKE 'White' OR `native.country` IN ('Outlying-US(Guam-USVI-etc)', 'Cambodia', 'Holand-Netherlands', 'Puerto-Rico', 'Jamaica', 'Canada', 'Iran', 'Scotland', 'United-States', 'Laos', 'Hungary', 'Taiwan', 'South', 'Vietnam', 'Germany', 'France', 'Mexico', 'Philippines', 'England', 'Ireland', 'Portugal', 'Guatemala', 'Thailand', 'Yugoslavia', 'Columbia', 'Hong', 'China', '?', 'Honduras', 'Japan', 'Italy', 'Nicaragua', 'Cuba', 'Peru', 'Greece', 'Poland', 'Dominican-Republic')) OR (relationship IN ('Wife', 'Unmarried', 'Other-relative', 'Not-in-family') OR occupation = 'Prof-specialty') OR (`marital.status` = 'Never-married' OR income = '<=50K') AND (sex LIKE 'Female' AND education LIKE '7th-8th')

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(fnlwgt), COUNT(*) FROM C1_syn_06 WHERE (age BETWEEN 53 AND 51) OR ((`hours.per.week` BETWEEN 50 AND 40) OR fnlwgt BETWEEN 46395 AND 206399) OR (race LIKE 'White' OR `native.country` IN ('Outlying-US(Guam-USVI-etc)', 'Cambodia', 'Holand-Netherlands', 'Puerto-Rico', 'Jamaica', 'Canada', 'Iran', 'Scotland', 'United-States', 'Laos', 'Hungary', 'Taiwan', 'South', 'Vietnam', 'Germany', 'France', 'Mexico', 'Philippines', 'England', 'Ireland', 'Portugal', 'Guatemala', 'Thailand', 'Yugoslavia', 'Columbia', 'Hong', 'China', '?', 'Honduras', 'Japan', 'Italy', 'Nicaragua', 'Cuba', 'Peru', 'Greece', 'Poland', 'Dominican-Republic')) OR (relationship IN ('Wife', 'Unmarried', 'Other-relative', 'Not-in-family') OR occupation = 'Prof-specialty') OR (`marital.status` = 'Never-married' OR income = '<=50K') AND (sex LIKE 'Female' AND education LIKE '7th-8th')

Resulted in 1 records

Aggregate value difference between real and synthetic: (9021.951443960832)

Count value difference between real and synthetic: (36.0)

==

Real

	SUM(fnlwgt)	COUNT(*)
0	8535611849	45336

Synthetic

	SUM(fnlwgt)	COUNT(*)
0	7826850165.785963	43430

SQL for Real:
SELECT SUM(fnlwgt), COUNT(*) FROM C1 WHERE (workclass LIKE 'Self-emp-inc' OR capital = 0) AND (income LIKE '<=50K' AND education <> 'HS-grad') OR (`hours.per.week` = 42 OR race LIKE 'White')

Resulted in 1 records

SQL for Synthetic:
SELECT SUM(fnlwgt), COUNT(*) FROM C1_syn_06 WHERE (workclass LIKE 'Self-emp-inc' OR capital = 0) AND (income LIKE '<=50K' AND education <> 'HS-grad') OR (`hours.per.week` = 42 OR race LIKE 'White')

Resulted in 1 records

Aggregate value difference between real and synthetic: (708761683.214037)

Count value difference between real and synthetic: (1906.0)

==

Real

	SUM(age)	COUNT(*)
0	1289492	32650

Synthetic

	SUM(age)	COUNT(*)
0	1261071	31728

SQL for Real:
SELECT SUM(age), COUNT(*) FROM C1 WHERE (sex LIKE 'Male')

Resulted in 1 records

SQL for Synthetic:
SELECT SUM(age), COUNT(*) FROM C1_syn_06 WHERE (sex LIKE 'Male')

Resulted in 1 records

Aggregate value difference between real and synthetic: (28421)

Count value difference between real and synthetic: (922)

==

Real

	AVG(fnlwgt)	COUNT(*)
0	194815.715515	25917

Synthetic

	AVG(fnlwgt)	COUNT(*)
0	181060.927726	28969

SQL for Real:
SELECT AVG(fnlwgt), COUNT(*) FROM C1 WHERE (`marital.status` LIKE 'Never-married' AND `native.country` LIKE 'United-States') AND (capital = 0 AND education LIKE 'Some-college') AND (income LIKE '<=50K' AND workclass IN ('Local-gov', 'Self-emp-inc', 'Private', '?', 'Federal-gov', 'Self-emp-not-inc')) OR (`hours.per.week` < 50 OR occupation IN ('Armed-Forces', 'Transport-moving', 'Craft-repair')) AND (sex <> 'Female' AND age < 60)

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(fnlwgt), COUNT(*) FROM C1_syn_06 WHERE (`marital.status` LIKE 'Never-married' AND `native.country` LIKE 'United-States') AND (capital = 0 AND education LIKE 'Some-college') AND (income LIKE '<=50K' AND workclass IN ('Local-gov', 'Self-emp-inc', 'Private', '?', 'Federal-gov', 'Self-emp-not-inc')) OR (`hours.per.week` < 50 OR occupation IN ('Armed-Forces', 'Transport-moving', 'Craft-repair')) AND (sex <> 'Female' AND age < 60)

Resulted in 1 records

Aggregate value difference between real and synthetic: (13754.787788976537)

Count value difference between real and synthetic: (3052.0)

==

Real

	AVG(fnlwgt)	COUNT(*)
0	188833.204749	47248

Synthetic

	AVG(fnlwgt)	COUNT(*)
0	180944.210846	43107

SQL for Real:
SELECT AVG(fnlwgt), COUNT(*) FROM C1 WHERE (capital > 0) AND (workclass LIKE '?' AND `hours.per.week` = 35) OR (`native.country` = 'United-States' OR relationship IN ('Unmarried', 'Wife', 'Husband', 'Own-child'))

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(fnlwgt), COUNT(*) FROM C1_syn_06 WHERE (capital > 0) AND (workclass LIKE '?' AND `hours.per.week` = 35) OR (`native.country` = 'United-States' OR relationship IN ('Unmarried', 'Wife', 'Husband', 'Own-child'))

Resulted in 1 records

Aggregate value difference between real and synthetic: (7888.993903276103)

Count value difference between real and synthetic: (4141.0)

==

Real

	AVG(`hours.per.week`)	COUNT(*)
0	40.422382	48842

Synthetic

	AVG(`hours.per.week`)	COUNT(*)
0	39.984757	48842

SQL for Real:
SELECT AVG(`hours.per.week`), COUNT(*) FROM C1 WHERE (occupation LIKE 'Prof-specialty' AND race LIKE 'White') OR (`native.country` IN ('Philippines', 'Hong', 'France', 'Puerto-Rico', 'Canada', 'India', 'Columbia', 'Holand-Netherlands', 'Cambodia', 'Outlying-US(Guam-USVI-etc)', 'South') OR income IN ('>50K', '<=50K')) OR (`marital.status` = 'Married-civ-spouse' OR education = 'Some-college') OR (capital <= -1590 OR age >= 22) AND (fnlwgt <> 132222 AND relationship = 'Husband') AND (workclass = 'Private' AND `hours.per.week` = 40)

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(`hours.per.week`), COUNT(*) FROM C1_syn_06 WHERE (occupation LIKE 'Prof-specialty' AND race LIKE 'White') OR (`native.country` IN ('Philippines', 'Hong', 'France', 'Puerto-Rico', 'Canada', 'India', 'Columbia', 'Holand-Netherlands', 'Cambodia', 'Outlying-US(Guam-USVI-etc)', 'South') OR income IN ('>50K', '<=50K')) OR (`marital.status` = 'Married-civ-spouse' OR education = 'Some-college') OR (capital <= -1590 OR age >= 22) AND (fnlwgt <> 132222 AND relationship = 'Husband') AND (workclass = 'Private' AND `hours.per.week` = 40)

Resulted in 1 records

Aggregate value difference between real and synthetic: (0.43762547943549635)

Count value difference between real and synthetic: (0.0)

==

Real

	MIN(fnlwgt)	COUNT(*)
0	12285	48842

Synthetic

	MIN(fnlwgt)	COUNT(*)
0	117274.397609	48842

SQL for Real:
SELECT MIN(fnlwgt), COUNT(*) FROM C1 WHERE ((capital BETWEEN 0 AND 0) OR `hours.per.week` BETWEEN 40 AND 40) OR (race LIKE 'White' OR workclass LIKE 'Private') OR (income <> '<=50K' OR age <= 51) OR (occupation IN ('Sales', 'Other-service', 'Machine-op-inspct', 'Handlers-cleaners', 'Tech-support', 'Adm-clerical', '?', 'Priv-house-serv', 'Craft-repair', 'Transport-moving', 'Exec-managerial', 'Prof-specialty', 'Armed-Forces', 'Farming-fishing', 'Protective-serv') OR `native.country` IN ('Laos', 'Nicaragua', 'Outlying-US(Guam-USVI-etc)', 'Hong', 'Guatemala', 'Cambodia', 'South', 'Dominican-Republic')) OR (sex <> 'Female' OR `marital.status` LIKE 'Never-married')
Resulted in 1 records

SQL for Synthetic:
SELECT MIN(fnlwgt), COUNT(*) FROM C1_syn_06 WHERE ((capital BETWEEN 0 AND 0) OR `hours.per.week` BETWEEN 40 AND 40) OR (race LIKE 'White' OR workclass LIKE 'Private') OR (income <> '<=50K' OR age <= 51) OR (occupation IN ('Sales', 'Other-service', 'Machine-op-inspct', 'Handlers-cleaners', 'Tech-support', 'Adm-clerical', '?', 'Priv-house-serv', 'Craft-repair', 'Transport-moving', 'Exec-managerial', 'Prof-specialty', 'Armed-Forces', 'Farming-fishing', 'Protective-serv') OR `native.country` IN ('Laos', 'Nicaragua', 'Outlying-US(Guam-USVI-etc)', 'Hong', 'Guatemala', 'Cambodia', 'South', 'Dominican-Republic')) OR (sex <> 'Female' OR `marital.status` LIKE 'Never-married')
Resulted in 1 records

Aggregate value difference between real and synthetic: (104989.397609176)

Count value difference between real and synthetic: (0.0)

==

Real

	MAX(fnlwgt)	COUNT(*)
0	243769	1772

Synthetic

	MAX(fnlwgt)	COUNT(*)
0	220924.745037	24344

SQL for Real:
SELECT MAX(fnlwgt), COUNT(*) FROM C1 WHERE (capital < 0 AND fnlwgt < 243872)
Resulted in 1 records

SQL for Synthetic:
SELECT MAX(fnlwgt), COUNT(*) FROM C1_syn_06 WHERE (capital < 0 AND fnlwgt < 243872)
Resulted in 1 records

Aggregate value difference between real and synthetic: (22844.254962926992)

Count value difference between real and synthetic: (22572.0)

==

Real

	MIN(capital)	COUNT(*)
0	-4356	48840

Synthetic

	MIN(capital)	COUNT(*)
0	-439.660050	48842

SQL for Real:
SELECT MIN(capital), COUNT(*) FROM C1 WHERE (`hours.per.week` <> 20 OR sex <> 'Male') OR (`native.country` LIKE 'United-States' OR occupation LIKE 'Handlers-cleaners') OR (workclass IN ('State-gov', 'Private') OR relationship = 'Husband') AND (`marital.status` IN ('Married-spouse-absent', 'Separated', 'Never-married') AND income IN ('<=50K', '>50K')) OR (capital >= 0 OR education = '10th')
Resulted in 1 records

SQL for Synthetic:
SELECT MIN(capital), COUNT(*) FROM C1_syn_06 WHERE (`hours.per.week` <> 20 OR sex <> 'Male') OR (`native.country` LIKE 'United-States' OR occupation LIKE 'Handlers-cleaners') OR (workclass IN ('State-gov', 'Private') OR relationship = 'Husband') AND (`marital.status` IN ('Married-spouse-absent', 'Separated', 'Never-married') AND income IN ('<=50K', '>50K')) OR (capital >= 0 OR education = '10th')
Resulted in 1 records

Aggregate value difference between real and synthetic: (3916.339950163204)

Count value difference between real and synthetic: (2.0)

==

Real

	AVG(`hours.per.week`)	COUNT(*)
0	40.422382	48842

Synthetic

	AVG(`hours.per.week`)	COUNT(*)
0	39.984757	48842

SQL for Real:

SELECT AVG(`hours.per.week`), COUNT(*) FROM C1 WHERE (`marital.status` <> 'Married-civ-spouse') OR (race = 'White' OR fnlwgt BETWEEN 73493 AND 129007) OR (sex IN ('Male', 'Female') OR income = '<=50K') OR (occupation IN ('?', 'Handlers-cleaners', 'Prof-specialty', 'Other-service', 'Tech-support', 'Machine-op-inspct', 'Farming-fishing', 'Sales', 'Adm-clerical') OR workclass IN ('State-gov', 'Local-gov', 'Private')) OR (capital < 0 OR `hours.per.week` = 40) AND (relationship <> 'Husband' AND education LIKE 'Some-college')

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(`hours.per.week`), COUNT(*) FROM C1_syn_06 WHERE (`marital.status` <> 'Married-civ-spouse') OR (race = 'White' OR fnlwgt BETWEEN 73493 AND 129007) OR (sex IN ('Male', 'Female') OR income = '<=50K') OR (occupation IN ('?', 'Handlers-cleaners', 'Prof-specialty', 'Other-service', 'Tech-support', 'Machine-op-inspct', 'Farming-fishing', 'Sales', 'Adm-clerical') OR workclass IN ('State-gov', 'Local-gov', 'Private')) OR (capital < 0 OR `hours.per.week` = 40) AND (relationship <> 'Husband' AND education LIKE 'Some-college')

Resulted in 1 records

Aggregate value difference between real and synthetic: (0.43762547943549635)

Count value difference between real and synthetic: (0.0)

==

Real

	MAX(`hours.per.week`)	COUNT(*)
0	99	48821

Synthetic

	MAX(`hours.per.week`)	COUNT(*)
0	40.592070	48419

SQL for Real:
SELECT MAX(`hours.per.week`), COUNT(*) FROM C1 WHERE (capital = 0) OR (income LIKE '<=50K' AND fnlwgt < 177905) AND (workclass LIKE 'Private' AND `native.country` IN ('Jamaica', 'Poland', 'South', 'Dominican-Republic', 'Hungary', 'Greece', 'Cambodia', 'Haiti', 'Canada', 'Iran', 'France', 'Guatemala', 'Trinadad&Tobago', 'Japan', 'El-Salvador', 'Scotland', 'Vietnam', 'Puerto-Rico', 'Philippines', 'Honduras', 'Hong', 'Italy')) OR (education = 'HS-grad' OR race IN ('Amer-Indian-Eskimo', 'Asian-Pac-Islander', 'White')) OR (relationship <> 'Own-child' OR age > 31)

Resulted in 1 records

SQL for Synthetic:
SELECT MAX(`hours.per.week`), COUNT(*) FROM C1_syn_06 WHERE (capital = 0) OR (income LIKE '<=50K' AND fnlwgt < 177905) AND (workclass LIKE 'Private' AND `native.country` IN ('Jamaica', 'Poland', 'South', 'Dominican-Republic', 'Hungary', 'Greece', 'Cambodia', 'Haiti', 'Canada', 'Iran', 'France', 'Guatemala', 'Trinadad&Tobago', 'Japan', 'El-Salvador', 'Scotland', 'Vietnam', 'Puerto-Rico', 'Philippines', 'Honduras', 'Hong', 'Italy')) OR (education = 'HS-grad' OR race IN ('Amer-Indian-Eskimo', 'Asian-Pac-Islander', 'White')) OR (relationship <> 'Own-child' OR age > 31)

Resulted in 1 records

Aggregate value difference between real and synthetic: (58.4079295175281)

Count value difference between real and synthetic: (402.0)

==

Real

	SUM(age)	COUNT(*)
0	1867926	48403

Synthetic

	SUM(age)	COUNT(*)
0	1759571	45802

SQL for Real:
SELECT SUM(age), COUNT(*) FROM C1 WHERE (capital >= 0) OR ((`hours.per.week` BETWEEN 40 AND 35) AND income = '<=50K') AND (`marital.status` LIKE 'Never-married' AND workclass = 'Private') AND (`native.country` <> 'United-States' AND race <> 'White') AND (relationship IN ('Unmarried', 'Other-relative') AND education <> 'Some-college') OR (age = 48 OR occupation <> 'Exec-managerial')

Resulted in 1 records

SQL for Synthetic:
SELECT SUM(age), COUNT(*) FROM C1_syn_06 WHERE (capital >= 0) OR ((`hours.per.week` BETWEEN 40 AND 35) AND income = '<=50K') AND (`marital.status` LIKE 'Never-married' AND workclass = 'Private') AND (`native.country` <> 'United-States' AND race <> 'White') AND (relationship IN ('Unmarried', 'Other-relative') AND education <> 'Some-college') OR (age = 48 OR occupation <> 'Exec-managerial')

Resulted in 1 records

Aggregate value difference between real and synthetic: (108355)

Count value difference between real and synthetic: (2601)

==

Real

	AVG(capital)	COUNT(*)
0	1637.793645	8025

Synthetic

	AVG(capital)	COUNT(*)
0	-0.440649	8164

SQL for Real:
SELECT AVG(capital), COUNT(*) FROM C1 WHERE (education LIKE 'Bachelors')
Resulted in 1 records

SQL for Synthetic:
SELECT AVG(capital), COUNT(*) FROM C1_syn_06 WHERE (education LIKE 'Bachelors')
Resulted in 1 records

Aggregate value difference between real and synthetic: (1638.234294071451)

Count value difference between real and synthetic: (139.0)

==

Real

	AVG(capital)	COUNT(*)
0	991.565313	48842

Synthetic

	AVG(capital)	COUNT(*)
0	1.277862	48842

SQL for Real:
SELECT AVG(capital), COUNT(*) FROM C1 WHERE (capital <> 0) OR (sex IN ('Female', 'Male') OR `hours.per.week` < 40) OR (relationship <> 'Unmarried' OR education <> 'Bachelors') OR (`marital.status` = 'Married-civ-spouse' OR age <= 27) OR (race <> 'White' OR occupation = 'Craft-repair')

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(capital), COUNT(*) FROM C1_syn_06 WHERE (capital <> 0) OR (sex IN ('Female', 'Male') OR `hours.per.week` < 40) OR (relationship <> 'Unmarried' OR education <> 'Bachelors') OR (`marital.status` = 'Married-civ-spouse' OR age <= 27) OR (race <> 'White' OR occupation = 'Craft-repair')

Resulted in 1 records

Aggregate value difference between real and synthetic: (990.2874503406301)

Count value difference between real and synthetic: (0.0)

==

Real

	SUM(`hours.per.week`)	COUNT(*)
0	1477833	37932

Synthetic

	SUM(`hours.per.week`)	COUNT(*)
0	1557449.022224	38953

SQL for Real:
SELECT SUM(`hours.per.week`), COUNT(*) FROM C1 WHERE (workclass LIKE 'Private') OR (education <> 'HS-grad' OR age BETWEEN 26 AND 42) AND ((fnlwgt BETWEEN 190391 AND 121441) AND occupation = 'Sales') OR (`native.country` <> 'United-States' OR `hours.per.week` < 40) AND (capital <= 0 AND race IN ('White', 'Other', 'Asian-Pac-Islander'))

Resulted in 1 records

SQL for Synthetic:
SELECT SUM(`hours.per.week`), COUNT(*) FROM C1_syn_06 WHERE (workclass LIKE 'Private') OR (education <> 'HS-grad' OR age BETWEEN 26 AND 42) AND ((fnlwgt BETWEEN 190391 AND 121441) AND occupation = 'Sales') OR (`native.country` <> 'United-States' OR `hours.per.week` < 40) AND (capital <= 0 AND race IN ('White', 'Other', 'Asian-Pac-Islander'))

Resulted in 1 records

Aggregate value difference between real and synthetic: (79616.02222379972)

Count value difference between real and synthetic: (1021.0)

==

Real

	MIN(capital)	COUNT(*)
0	-4356	26373

Synthetic

	MIN(capital)	COUNT(*)
0	-421.663504	20996

SQL for Real:
SELECT MIN(capital), COUNT(*) FROM C1 WHERE (workclass = 'Private') AND (`hours.per.week` <= 40 AND income LIKE '<=50K') OR (occupation LIKE '?' OR race <> 'White')

Resulted in 1 records

SQL for Synthetic:
SELECT MIN(capital), COUNT(*) FROM C1_syn_06 WHERE (workclass = 'Private') AND (`hours.per.week` <= 40 AND income LIKE '<=50K') OR (occupation LIKE '?' OR race <> 'White')

Resulted in 1 records

Aggregate value difference between real and synthetic: (3934.336495968651)

Count value difference between real and synthetic: (5377.0)

==

Real

	AVG(age)	COUNT(*)
0	28.459531	8278

Synthetic

	AVG(age)	COUNT(*)
0	28.495918	8451

SQL for Real:
SELECT AVG(age), COUNT(*) FROM C1 WHERE (education LIKE 'Masters') OR (occupation IN ('Exec-managerial', 'Machine-op-inspct', 'Craft-repair', 'Protective-serv', 'Handlers-cleaners', 'Priv-house-serv', 'Armed-Forces', 'Other-service', 'Adm-clerical', 'Prof-specialty', 'Tech-support') AND age <= 24)

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(age), COUNT(*) FROM C1_syn_06 WHERE (education LIKE 'Masters') OR (occupation IN ('Exec-managerial', 'Machine-op-inspct', 'Craft-repair', 'Protective-serv', 'Handlers-cleaners', 'Priv-house-serv', 'Armed-Forces', 'Other-service', 'Adm-clerical', 'Prof-specialty', 'Tech-support') AND age <= 24)

Resulted in 1 records

Aggregate value difference between real and synthetic: (0.0363863551318353)

Count value difference between real and synthetic: (173.0)

===

Real

	MAX(capital)	COUNT(*)
0	99999	48842

Synthetic

	MAX(capital)	COUNT(*)
0	902.309265	48842

SQL for Real:
SELECT MAX(capital), COUNT(*) FROM C1 WHERE (capital >= 0 OR age > 41) OR (`marital.status` IN ('Married-spouse-absent', 'Married-civ-spouse', 'Never-married', 'Widowed') OR `hours.per.week` <= 60) OR (`native.country` LIKE 'United-States' OR education LIKE 'HS-grad') AND (sex IN ('Female', 'Male') AND race <> 'White') OR ((fnlwgt BETWEEN 181828 AND 63676) OR relationship <> 'Husband')

Resulted in 1 records

SQL for Synthetic:
SELECT MAX(capital), COUNT(*) FROM C1_syn_06 WHERE (capital >= 0 OR age > 41) OR (`marital.status` IN ('Married-spouse-absent', 'Married-civ-spouse', 'Never-married', 'Widowed') OR `hours.per.week` <= 60) OR (`native.country` LIKE 'United-States' OR education LIKE 'HS-grad') AND (sex IN ('Female', 'Male') AND race <> 'White') OR ((fnlwgt BETWEEN 181828 AND 63676) OR relationship <> 'Husband')

Resulted in 1 records

Aggregate value difference between real and synthetic: (99096.69073470813)

Count value difference between real and synthetic: (0.0)

===

Real

	SUM(`hours.per.week`)	COUNT(*)
0	1973891	48826

Synthetic

	SUM(`hours.per.week`)	COUNT(*)
0	1952539.031203	48832

SQL for Real:
SELECT SUM(`hours.per.week`), COUNT(*) FROM C1 WHERE ((fnlwgt BETWEEN 259715 AND 212760) OR `native.country` <> 'Mexico') AND (workclass <> 'Self-emp-not-inc' AND capital > 0) OR (sex = 'Male' OR education IN ('HS-grad', '11th', '1st-4th', '5th-6th', 'Doctorate', 'Some-college', '12th', 'Masters', 'Preschool', 'Bachelors', 'Assoc-voc', '9th', '10th', '7th-8th')) OR (occupation IN ('Adm-clerical', 'Handlers-cleaners', 'Transport-moving', 'Prof-specialty', 'Sales', '?', 'Protective-serv', 'Tech-support', 'Farming-fishing', 'Machine-op-inspct', 'Armed-Forces', 'Priv-house-serv', 'Craft-repair', 'Exec-managerial') OR relationship <> 'Own-child')

Resulted in 1 records

SQL for Synthetic:
SELECT SUM(`hours.per.week`), COUNT(*) FROM C1_syn_06 WHERE ((fnlwgt BETWEEN 259715 AND 212760) OR `native.country` <> 'Mexico') AND (workclass <> 'Self-emp-not-inc' AND capital > 0) OR (sex = 'Male' OR education IN ('HS-grad', '11th', '1st-4th', '5th-6th', 'Doctorate', 'Some-college', '12th', 'Masters', 'Preschool', 'Bachelors', 'Assoc-voc', '9th', '10th', '7th-8th')) OR (occupation IN ('Adm-clerical', 'Handlers-cleaners', 'Transport-moving', 'Prof-specialty', 'Sales', '?', 'Protective-serv', 'Tech-support', 'Farming-fishing', 'Machine-op-inspct', 'Armed-Forces', 'Priv-house-serv', 'Craft-repair', 'Exec-managerial') OR relationship <> 'Own-child')

Resulted in 1 records

Aggregate value difference between real and synthetic: (21351.96879747603)

Count value difference between real and synthetic: (6.0)

===

Real

	AVG(capital)	COUNT(*)
0	1749.662500	14640

Synthetic

	AVG(capital)	COUNT(*)
0	-1.236800	11609

SQL for Real:
SELECT AVG(capital), COUNT(*) FROM C1 WHERE (workclass IN ('Self-emp-inc', 'State-gov', 'Federal-gov') OR occupation LIKE 'Craft-repair') OR (income <> '<=50K' OR fnlwgt BETWEEN 515712 AND 434114) AND (age <> 38 AND `hours.per.week` BETWEEN 25 AND 40)

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(capital), COUNT(*) FROM C1_syn_06 WHERE (workclass IN ('Self-emp-inc', 'State-gov', 'Federal-gov') OR occupation LIKE 'Craft-repair') OR (income <> '<=50K' OR fnlwgt BETWEEN 515712 AND 434114) AND (age <> 38 AND `hours.per.week` BETWEEN 25 AND 40)

Resulted in 1 records

Aggregate value difference between real and synthetic: (1750.899300246991)

Count value difference between real and synthetic: (3031.0)

===

Real

	SUM(`hours.per.week`)	COUNT(*)
0	1384910	32650

Synthetic

	SUM(`hours.per.week`)	COUNT(*)
0	1270409.929789	31728

SQL for Real:

SELECT SUM(`hours.per.week`), COUNT(*) FROM C1 WHERE (sex = 'Male')

Resulted in 1 records

SQL for Synthetic:

SELECT SUM(`hours.per.week`), COUNT(*) FROM C1_syn_06 WHERE (sex = 'Male')

Resulted in 1 records

Aggregate value difference between real and synthetic: (114500.07021085685)

Count value difference between real and synthetic: (922.0)

==

Real

	MIN(`hours.per.week`)	COUNT(*)
0	1	42477

Synthetic

	MIN(`hours.per.week`)	COUNT(*)
0	38.865705	36726

SQL for Real:

SELECT MIN(`hours.per.week`), COUNT(*) FROM C1 WHERE ((capital BETWEEN 0 AND 5178) OR income = '>50K') AND (race <> 'White' AND occupation IN ('Adm-clerical', '?', 'Exec-managerial', 'Armed-Forces', 'Sales', 'Machine-op-inspct')) OR (relationship <> 'Not-in-family' OR `hours.per.week` = 40)

Resulted in 1 records

SQL for Synthetic:

SELECT MIN(`hours.per.week`), COUNT(*) FROM C1_syn_06 WHERE ((capital BETWEEN 0 AND 5178) OR income = '>50K') AND (race <> 'White' AND occupation IN ('Adm-clerical', '?', 'Exec-managerial', 'Armed-Forces', 'Sales', 'Machine-op-inspct')) OR (relationship <> 'Not-in-family' OR `hours.per.week` = 40)

Resulted in 1 records

Aggregate value difference between real and synthetic: (37.8657050806997)

Count value difference between real and synthetic: (5751.0)

==

Real

	SUM(capital)	COUNT(*)
0	48430033	48842

Synthetic

	SUM(capital)	COUNT(*)
0	62413.350463	48842

SQL for Real:

SELECT SUM(capital), COUNT(*) FROM C1 WHERE (income IN ('>50K', '<=50K')) OR (education LIKE 'HS-grad' OR race LIKE 'White') OR ((fnlwgt BETWEEN 96483 AND 79990) OR workclass LIKE 'Private') OR (`native.country` <> 'United-States' OR sex IN ('Male', 'Female')) OR (age < 31 OR relationship = 'Other-relative') AND (`marital.status` <> 'Divorced' AND `hours.per.week` < 40)

Resulted in 1 records

SQL for Synthetic:

SELECT SUM(capital), COUNT(*) FROM C1_syn_06 WHERE (income IN ('>50K', '<=50K')) OR (education LIKE 'HS-grad' OR race LIKE 'White') OR ((fnlwgt BETWEEN 96483 AND 79990) OR workclass LIKE 'Private') OR (`native.country` <> 'United-States' OR sex IN ('Male', 'Female')) OR (age < 31 OR relationship = 'Other-relative') AND (`marital.status` <> 'Divorced' AND `hours.per.week` < 40)

Resulted in 1 records

Aggregate value difference between real and synthetic: (48367619.64953706)

Count value difference between real and synthetic: (0.0)

==

Real

	AVG(age)	COUNT(*)
0	38.790284	48022

Synthetic

	AVG(age)	COUNT(*)
0	39.023070	44214

SQL for Real:

SELECT AVG(age), COUNT(*) FROM C1 WHERE (capital BETWEEN 0 AND 0) AND (sex = 'Male' OR relationship IN ('Other-relative', 'Wife', 'Not-in-family', 'Husband', 'Unmarried')) OR (race = 'White' OR `hours.per.week` > 50) OR (income <> '<=50K' OR age > 59) OR (fnlwgt = 205950 OR workclass = 'Self-emp-not-inc')

Resulted in 1 records

SQL for Synthetic:

SELECT AVG(age), COUNT(*) FROM C1_syn_06 WHERE (capital BETWEEN 0 AND 0) AND (sex = 'Male' OR relationship IN ('Other-relative', 'Wife', 'Not-in-family', 'Husband', 'Unmarried')) OR (race = 'White' OR `hours.per.week` > 50) OR (income <> '<=50K' OR age > 59) OR (fnlwgt = 205950 OR workclass = 'Self-emp-not-inc')

Resulted in 1 records

Aggregate value difference between real and synthetic: (0.2327859959512466)

Count value difference between real and synthetic: (3808.0)

==

Real

	SUM(age)	COUNT(*)
0	1702668	44897

Synthetic

SUM(age) COUNT(*)

0 1806597 47119

SQL for Real:
SELECT SUM(age), COUNT(*) FROM C1 WHERE (`marital.status` IN ('Married-spouse-absent', 'Widowed', 'Never-married', 'Separated', 'Married-AF-spouse') OR workclass LIKE 'Private') OR (race IN ('Other', 'Amer-Indian-Eskimo', 'Asian-Pac-Islander', 'Black', 'White') OR capital BETWEEN 0 AND 0) AND (income = '<=50K' AND sex IN ('Female', 'Male'))

Resulted in 1 records

SQL for Synthetic:
SELECT SUM(age), COUNT(*) FROM C1_syn_06 WHERE (`marital.status` IN ('Married-spouse-absent', 'Widowed', 'Never-married', 'Separated', 'Married-AF-spouse') OR workclass LIKE 'Private') OR (race IN ('Other', 'Amer-Indian-Eskimo', 'Asian-Pac-Islander', 'Black', 'White') OR capital BETWEEN 0 AND 0) AND (income = '<=50K' AND sex IN ('Female', 'Male'))

Resulted in 1 records

Aggregate value difference between real and synthetic: (103929)

Count value difference between real and synthetic: (2222)

==

Real

AVG(capital) COUNT(*)

0 1009.688100 48538

Synthetic

AVG(capital) COUNT(*)

0 1.277862 48842

SQL for Real:
SELECT AVG(capital), COUNT(*) FROM C1 WHERE (capital <> -1902) OR (fnlwgt > 246440 AND sex LIKE 'Female') AND (workclass <> 'Private' AND `hours.per.week` BETWEEN 50 AND 40)

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(capital), COUNT(*) FROM C1_syn_06 WHERE (capital <> -1902) OR (fnlwgt > 246440 AND sex LIKE 'Female') AND (workclass <> 'Private' AND `hours.per.week` BETWEEN 50 AND 40)

Resulted in 1 records

Aggregate value difference between real and synthetic: (1008.4102377451954)

Count value difference between real and synthetic: (304.0)

==

Real

SUM(age) COUNT(*)

0 400882 9280

Synthetic

SUM(age) COUNT(*)

0 None 0

SQL for Real:
SELECT SUM(age), COUNT(*) FROM C1 WHERE (relationship = 'Husband' AND `hours.per.week` = 40)

Resulted in 1 records

SQL for Synthetic:
SELECT SUM(age), COUNT(*) FROM C1_syn_06 WHERE (relationship = 'Husband' AND `hours.per.week` = 40)

Resulted in 1 records

Aggregate value difference between real and synthetic: (nan)

Count value difference between real and synthetic: (9280)

==

Real

AVG(age) COUNT(*)

0 43.822460 32725

Synthetic

AVG(age) COUNT(*)

0 43.855196 32499

SQL for Real:
SELECT AVG(age), COUNT(*) FROM C1 WHERE (sex IN ('Female', 'Male') AND `marital.status` <> 'Never-married')

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(age), COUNT(*) FROM C1_syn_06 WHERE (sex IN ('Female', 'Male') AND `marital.status` <> 'Never-married')

Resulted in 1 records

Aggregate value difference between real and synthetic: (0.03273565143016555)

Count value difference between real and synthetic: (226.0)

==

	Real	
	MAX(`hours.per.week`)	COUNT(*)
0	99	47432

	Synthetic	
	MAX(`hours.per.week`)	COUNT(*)
0	40.592070	45659

SQL for Real:
SELECT MAX(`hours.per.week`), COUNT(*) FROM C1 WHERE (sex IN ('Female', 'Male')) AND (`marital.status` <> 'Divorced' OR `hours.per.week` >= 40)

Resulted in 1 records

SQL for Synthetic:
SELECT MAX(`hours.per.week`), COUNT(*) FROM C1_syn_06 WHERE (sex IN ('Female', 'Male')) AND (`marital.status` <> 'Divorced' OR `hours.per.week` >= 40)

Resulted in 1 records

Aggregate value difference between real and synthetic: (58.4079295175281)

Count value difference between real and synthetic: (1773.0)

===

	Real	
	MIN(`hours.per.week`)	COUNT(*)
0	1	10954

	Synthetic	
	MIN(`hours.per.week`)	COUNT(*)
0	38.897276	4558

SQL for Real:
SELECT MIN(`hours.per.week`), COUNT(*) FROM C1 WHERE ((capital BETWEEN 0 AND 0) OR race IN ('Amer-Indian-Eskimo', 'Asian-Pac-Islander', 'Other', 'White', 'Black')) AND (`marital.status` <> 'Never-married' AND income <> '<=50K')

Resulted in 1 records

SQL for Synthetic:
SELECT MIN(`hours.per.week`), COUNT(*) FROM C1_syn_06 WHERE ((capital BETWEEN 0 AND 0) OR race IN ('Amer-Indian-Eskimo', 'Asian-Pac-Islander', 'Other', 'White', 'Black')) AND (`marital.status` <> 'Never-married' AND income <> '<=50K')

Resulted in 1 records

Aggregate value difference between real and synthetic: (37.8972757914291)

Count value difference between real and synthetic: (6396.0)

===

	Real	
	AVG(capital)	COUNT(*)
0	1156.021532	40080

	Synthetic	
	AVG(capital)	COUNT(*)
0	1.668839	36991

SQL for Real:
SELECT AVG(capital), COUNT(*) FROM C1 WHERE (workclass <> 'Private') OR (occupation LIKE 'Protective-serv' AND relationship IN ('Not-in-family', 'Other-relative', 'Husband', 'Unmarried')) OR ((age BETWEEN 48 AND 28) OR `native.country` <> 'United-States') OR (`marital.status` LIKE 'Married-civ-spouse' OR `hours.per.week` BETWEEN 40 AND 40) OR (sex <> 'Female' OR race = 'White') AND (education <> 'Bachelors' AND income <> '<=50K')

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(capital), COUNT(*) FROM C1_syn_06 WHERE (workclass <> 'Private') OR (occupation LIKE 'Protective-serv' AND relationship IN ('Not-in-family', 'Other-relative', 'Husband', 'Unmarried')) OR ((age BETWEEN 48 AND 28) OR `native.country` <> 'United-States') OR (`marital.status` LIKE 'Married-civ-spouse' OR `hours.per.week` BETWEEN 40 AND 40) OR (sex <> 'Female' OR race = 'White') AND (education <> 'Bachelors' AND income <> '<=50K')

Resulted in 1 records

Aggregate value difference between real and synthetic: (1154.3526926531738)

Count value difference between real and synthetic: (3089.0)

===

	Real	
	SUM(capital)	COUNT(*)
0	46228231	47593

	Synthetic	
	SUM(capital)	COUNT(*)
0	22180.076970	44565

SQL for Real:
SELECT SUM(capital), COUNT(*) FROM C1 WHERE (`marital.status` LIKE 'Married-civ-spouse' AND occupation = 'Machine-op-inspct') OR (education IN ('10th', '11th', 'Preschool', '5th-6th', 'Assoc-voc', 'HS-grad', 'Some-college', 'Doctorate', 'Masters', '12th', '7th-8th', 'Assoc-acdm') OR `native.country` = 'United-States')

Resulted in 1 records

SQL for Synthetic:
SELECT SUM(capital), COUNT(*) FROM C1_syn_06 WHERE (`marital.status` LIKE 'Married-civ-spouse' AND occupation = 'Machine-op-inspct') OR (education IN ('10th', '11th', 'Preschool', '5th-6th', 'Assoc-voc', 'HS-grad', 'Some-college', 'Doctorate', 'Masters', '12th', '7th-8th', 'Assoc-acdm') OR `native.country` = 'United-States')

Resulted in 1 records

Aggregate value difference between real and synthetic: (46206050.92303009)

Count value difference between real and synthetic: (3028.0)

===

        Real
  SUM(age) COUNT(*)
0 1637095   42670

        Synthetic
  SUM(age) COUNT(*)
0 1636964   42629

<u>SQL for Real:</u>
SELECT SUM(age), COUNT(*) FROM C1 WHERE (occupation <> 'Prof-specialty')

Resulted in 1 records

<u>SQL for Synthetic:</u>
SELECT SUM(age), COUNT(*) FROM C1_syn_06 WHERE (occupation <> 'Prof-specialty')

Resulted in 1 records

Aggregate value difference between real and synthetic: (131)

Count value difference between real and synthetic: (41)

===

        Real
  SUM(age) COUNT(*)
0 1876488   48581

        Synthetic
  SUM(age) COUNT(*)
0 1876234   48580

<u>SQL for Real:</u>
SELECT SUM(age), COUNT(*) FROM C1 WHERE (workclass IN ('Private', 'State-gov', 'Self-emp-not-inc') OR `marital.status` IN ('Widowed', 'Married-spouse-absent', 'Never-married', 'Married-civ-spouse', 'Married-AF-spouse', 'Divorced'))

Resulted in 1 records

<u>SQL for Synthetic:</u>
SELECT SUM(age), COUNT(*) FROM C1_syn_06 WHERE (workclass IN ('Private', 'State-gov', 'Self-emp-not-inc') OR `marital.status` IN ('Widowed', 'Married-spouse-absent', 'Never-married', 'Married-civ-spouse', 'Married-AF-spouse', 'Divorced'))

Resulted in 1 records

Aggregate value difference between real and synthetic: (254)

Count value difference between real and synthetic: (1)

===

        Real
  SUM(age) COUNT(*)
0 1871805   48500

        Synthetic
  SUM(age) COUNT(*)
0 1858364   48215

<u>SQL for Real:</u>
SELECT SUM(age), COUNT(*) FROM C1 WHERE (relationship LIKE 'Not-in-family' OR `native.country` = 'United-States') OR (income = '<=50K' OR workclass LIKE 'Private')

Resulted in 1 records

<u>SQL for Synthetic:</u>
SELECT SUM(age), COUNT(*) FROM C1_syn_06 WHERE (relationship LIKE 'Not-in-family' OR `native.country` = 'United-States') OR (income = '<=50K' OR workclass LIKE 'Private')

Resulted in 1 records

Aggregate value difference between real and synthetic: (13441)

Count value difference between real and synthetic: (285)

===

        Real
  AVG(age) COUNT(*)
0 43.822460   32725

        Synthetic
  AVG(age) COUNT(*)
0 43.855196   32499

<u>SQL for Real:</u>
SELECT AVG(age), COUNT(*) FROM C1 WHERE (income IN ('>50K', '<=50K') AND `marital.status` <> 'Never-married') OR (race = 'White' OR education <> 'Bachelors') AND (workclass = '?' AND sex <> 'Female') AND (fnlwgt = 176897 AND relationship IN ('Wife', 'Unmarried', 'Own-child')) AND (occupation LIKE 'Sales' AND age = 36) AND (`native.country` LIKE 'United-States' AND `hours.per.week` >= 40)

Resulted in 1 records

<u>SQL for Synthetic:</u>
SELECT AVG(age), COUNT(*) FROM C1_syn_06 WHERE (income IN ('>50K', '<=50K') AND `marital.status` <> 'Never-married') OR (race = 'White' OR education <> 'Bachelors') AND (workclass = '?' AND sex <> 'Female') AND (fnlwgt = 176897 AND relationship IN ('Wife', 'Unmarried', 'Own-child')) AND (occupation LIKE 'Sales' AND age = 36) AND (`native.country` LIKE 'United-States' AND `hours.per.week` >= 40)

Resulted in 1 records

Aggregate value difference between real and synthetic: (0.03273565143016555)

Count value difference between real and synthetic: (226.0)

==

                Real
    MAX(fnlwgt) COUNT(*)
0   1490400   48842

                Synthetic
    MAX(fnlwgt)   COUNT(*)
0 1461813.868173   48842

SQL for Real:
SELECT MAX(fnlwgt), COUNT(*) FROM C1 WHERE (`native.country` LIKE 'United-States' AND workclass IN ('?', 'Private', 'State-gov', 'Federal-gov', 'Self-emp-inc', 'Self-emp-not-inc')) OR (race IN ('Other', 'Amer-Indian-Eskimo', 'Black', 'White', 'Asian-Pac-Islander') OR capital BETWEEN 0 AND -1887) OR (education = 'HS-grad' OR sex <> 'Female') OR (`marital.status` = 'Never-married' OR age < 69) AND (occupation IN ('Armed-Forces', 'Exec-managerial', 'Protective-serv', 'Farming-fishing', '?', 'Other-service', 'Craft-repair', 'Adm-clerical') AND fnlwgt > 54826)

Resulted in 1 records

SQL for Synthetic:
SELECT MAX(fnlwgt), COUNT(*) FROM C1_syn_06 WHERE (`native.country` LIKE 'United-States' AND workclass IN ('?', 'Private', 'State-gov', 'Federal-gov', 'Self-emp-inc', 'Self-emp-not-inc')) OR (race IN ('Other', 'Amer-Indian-Eskimo', 'Black', 'White', 'Asian-Pac-Islander') OR capital BETWEEN 0 AND -1887) OR (education = 'HS-grad' OR sex <> 'Female') OR (`marital.status` = 'Never-married' OR age < 69) AND (occupation IN ('Armed-Forces', 'Exec-managerial', 'Protective-serv', 'Farming-fishing', '?', 'Other-service', 'Craft-repair', 'Adm-clerical') AND fnlwgt > 54826)

Resulted in 1 records

Aggregate value difference between real and synthetic: (28586.13182749995)

Count value difference between real and synthetic: (0.0)

==

                Real
    SUM(capital) COUNT(*)
0   48374446   48723

                Synthetic
    SUM(capital) COUNT(*)
0 65265.807291   48276

SQL for Real:
SELECT SUM(capital), COUNT(*) FROM C1 WHERE (`hours.per.week` = 45 AND fnlwgt = 215646) OR (sex <> 'Male' OR workclass IN ('Private', 'State-gov', 'Federal-gov', 'Self-emp-inc', '?')) OR (`marital.status` LIKE 'Married-civ-spouse' OR age BETWEEN 34 AND 26) OR (`native.country` LIKE 'United-States' OR capital = -1590)

Resulted in 1 records

SQL for Synthetic:
SELECT SUM(capital), COUNT(*) FROM C1_syn_06 WHERE (`hours.per.week` = 45 AND fnlwgt = 215646) OR (sex <> 'Male' OR workclass IN ('Private', 'State-gov', 'Federal-gov', 'Self-emp-inc', '?')) OR (`marital.status` LIKE 'Married-civ-spouse' OR age BETWEEN 34 AND 26) OR (`native.country` LIKE 'United-States' OR capital = -1590)

Resulted in 1 records

Aggregate value difference between real and synthetic: (48309180.1927092)

Count value difference between real and synthetic: (447.0)

==

                Real
    SUM(age) COUNT(*)
0   1887430   48842

                Synthetic
    SUM(age) COUNT(*)
0   1887430   48842

SQL for Real:
SELECT SUM(age), COUNT(*) FROM C1 WHERE (`marital.status` <> 'Separated' OR occupation <> 'Craft-repair') OR (sex = 'Male' OR workclass LIKE 'Private') OR (fnlwgt >= 75435 OR education = 'HS-grad') OR (`hours.per.week` = 40 OR age <= 51) AND (capital <= -1579 AND race IN ('White', 'Asian-Pac-Islander')) AND (`native.country` = 'United-States' AND relationship = 'Husband')

Resulted in 1 records

SQL for Synthetic:
SELECT SUM(age), COUNT(*) FROM C1_syn_06 WHERE (`marital.status` <> 'Separated' OR occupation <> 'Craft-repair') OR (sex = 'Male' OR workclass LIKE 'Private') OR (fnlwgt >= 75435 OR education = 'HS-grad') OR (`hours.per.week` = 40 OR age <= 51) AND (capital <= -1579 AND race IN ('White', 'Asian-Pac-Islander')) AND (`native.country` = 'United-States' AND relationship = 'Husband')

Resulted in 1 records

Aggregate value difference between real and synthetic: (0)

Count value difference between real and synthetic: (0)

==

                Real
    AVG(fnlwgt)   COUNT(*)
0 182667.397203   18235

Synthetic

AVG(fnlwgt) COUNT(*)

0 183246.347215   12232

SQL for Real:
SELECT AVG(fnlwgt), COUNT(*) FROM C1 WHERE (occupation = 'Other-service') OR (age <= 38 AND fnlwgt < 378322) AND (sex <> 'Female' AND capital <= 0)

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(fnlwgt), COUNT(*) FROM C1_syn_06 WHERE (occupation = 'Other-service') OR (age <= 38 AND fnlwgt < 378322) AND (sex <> 'Female' AND capital <= 0)

Resulted in 1 records

Aggregate value difference between real and synthetic: (578.9500121080782)

Count value difference between real and synthetic: (6003.0)

==

Real

SUM(`hours.per.week`) COUNT(*)

0   None   0

Synthetic

SUM(`hours.per.week`) COUNT(*)

0   None   0

SQL for Real:
SELECT SUM(`hours.per.week`), COUNT(*) FROM C1 WHERE (`native.country` <> 'United-States') AND (capital > 0 OR income = '<=50K') AND (relationship <> 'Not-in-family' AND race LIKE 'White') AND (fnlwgt <= 187972 AND age BETWEEN 48 AND 41)

Resulted in 1 records

SQL for Synthetic:
SELECT SUM(`hours.per.week`), COUNT(*) FROM C1_syn_06 WHERE (`native.country` <> 'United-States') AND (capital > 0 OR income = '<=50K') AND (relationship <> 'Not-in-family' AND race LIKE 'White') AND (fnlwgt <= 187972 AND age BETWEEN 48 AND 41)

Resulted in 1 records

Aggregate value difference between real and synthetic: (nan)

Count value difference between real and synthetic: (0)

==

Real

MIN(age) COUNT(*)

0   17   24407

Synthetic

MIN(age) COUNT(*)

0   17   24525

SQL for Real:
SELECT MIN(age), COUNT(*) FROM C1 WHERE (education = 'HS-grad') OR (fnlwgt > 110331 OR age <> 39) AND (relationship IN ('Not-in-family', 'Wife', 'Own-child', 'Other-relative', 'Unmarried') AND sex <> 'Female') OR (occupation <> 'Sales' OR race = 'White') AND (`native.country` IN ('Jamaica', 'Greece', 'Trinadad&Tobago', 'Holand-Netherlands') AND `marital.status` LIKE 'Married-civ-spouse') AND (workclass <> 'State-gov' AND income = '<=50K')

Resulted in 1 records

SQL for Synthetic:
SELECT MIN(age), COUNT(*) FROM C1_syn_06 WHERE (education = 'HS-grad') OR (fnlwgt > 110331 OR age <> 39) AND (relationship IN ('Not-in-family', 'Wife', 'Own-child', 'Other-relative', 'Unmarried') AND sex <> 'Female') OR (occupation <> 'Sales' OR race = 'White') AND (`native.country` IN ('Jamaica', 'Greece', 'Trinadad&Tobago', 'Holand-Netherlands') AND `marital.status` LIKE 'Married-civ-spouse') AND (workclass <> 'State-gov' AND income = '<=50K')

Resulted in 1 records

Aggregate value difference between real and synthetic: (0)

Count value difference between real and synthetic: (118)

==

Real

AVG(age) COUNT(*)

0 32.941889   413

Synthetic

AVG(age) COUNT(*)

0   None   0

SQL for Real:
SELECT AVG(age), COUNT(*) FROM C1 WHERE (relationship <> 'Husband' AND race = 'White') AND (fnlwgt <> 265097 AND `hours.per.week` = 40) AND (occupation <> 'Sales' AND income IN ('>50K', '<=50K')) AND (capital = 0 AND workclass IN ('Self-emp-inc', 'Private')) AND (sex LIKE 'Male' AND education = 'Bachelors')

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(age), COUNT(*) FROM C1_syn_06 WHERE (relationship <> 'Husband' AND race = 'White') AND (fnlwgt <> 265097 AND `hours.per.week` = 40) AND (occupation <> 'Sales' AND income IN ('>50K', '<=50K')) AND (capital = 0 AND workclass IN ('Self-emp-inc', 'Private')) AND (sex LIKE 'Male' AND education = 'Bachelors')

Resulted in 1 records

Aggregate value difference between real and synthetic: (nan)

Count value difference between real and synthetic: (413)

==

	Real	
	SUM(`hours.per.week`)	**COUNT(*)**
0	975658	22540

	Synthetic	
	SUM(`hours.per.week`)	**COUNT(*)**
0	964598.357968	24080

SQL for Real:
SELECT SUM(`hours.per.week`), COUNT(*) FROM C1 WHERE (`marital.status` LIKE 'Married-civ-spouse') OR (sex = 'Male' AND education <> 'HS-grad') AND (relationship IN ('Husband', 'Unmarried', 'Own-child', 'Wife', 'Other-relative') AND capital > 0)

Resulted in 1 records

SQL for Synthetic:
SELECT SUM(`hours.per.week`), COUNT(*) FROM C1_syn_06 WHERE (`marital.status` LIKE 'Married-civ-spouse') OR (sex = 'Male' AND education <> 'HS-grad') AND (relationship IN ('Husband', 'Unmarried', 'Own-child', 'Wife', 'Other-relative') AND capital > 0)

Resulted in 1 records

Aggregate value difference between real and synthetic: (11059.64203187963)

Count value difference between real and synthetic: (1540.0)

==

	Real	
	AVG(capital)	**COUNT(*)**
0	986.092188	45440

	Synthetic	
	AVG(capital)	**COUNT(*)**
0	1.436824	47112

SQL for Real:
SELECT AVG(capital), COUNT(*) FROM C1 WHERE (`native.country` <> 'United-States') OR (sex = 'Male' AND occupation <> 'Farming-fishing') OR (race <> 'White' OR age BETWEEN 20 AND 46) OR (education = '10th' OR relationship = 'Own-child')

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(capital), COUNT(*) FROM C1_syn_06 WHERE (`native.country` <> 'United-States') OR (sex = 'Male' AND occupation <> 'Farming-fishing') OR (race <> 'White' OR age BETWEEN 20 AND 46) OR (education = '10th' OR relationship = 'Own-child')

Resulted in 1 records

Aggregate value difference between real and synthetic: (984.6553635188145)

Count value difference between real and synthetic: (1672.0)

==

	Real	
	MIN(age)	**COUNT(*)**
0	17	48842

	Synthetic	
	MIN(age)	**COUNT(*)**
0	17	48842

SQL for Real:
SELECT MIN(age), COUNT(*) FROM C1 WHERE (`hours.per.week` = 20 AND fnlwgt < 188146) OR (capital = 0 OR age BETWEEN 47 AND 39) AND (workclass LIKE 'Self-emp-not-inc' AND `native.country` = 'United-States') OR (income <> '>50K' OR education IN ('Bachelors', '9th', 'HS-grad', 'Doctorate', 'Some-college', 'Prof-school', 'Masters', '1st-4th', 'Assoc-acdm', 'Assoc-voc', '7th-8th', '12th', 'Preschool', '5th-6th', '10th', '11th')) OR (occupation <> 'Exec-managerial' OR sex LIKE 'Male')

Resulted in 1 records

SQL for Synthetic:
SELECT MIN(age), COUNT(*) FROM C1_syn_06 WHERE (`hours.per.week` = 20 AND fnlwgt < 188146) OR (capital = 0 OR age BETWEEN 47 AND 39) AND (workclass LIKE 'Self-emp-not-inc' AND `native.country` = 'United-States') OR (income <> '>50K' OR education IN ('Bachelors', '9th', 'HS-grad', 'Doctorate', 'Some-college', 'Prof-school', 'Masters', '1st-4th', 'Assoc-acdm', 'Assoc-voc', '7th-8th', '12th', 'Preschool', '5th-6th', '10th', '11th')) OR (occupation <> 'Exec-managerial' OR sex LIKE 'Male')

Resulted in 1 records

Aggregate value difference between real and synthetic: (0)

Count value difference between real and synthetic: (0)

==

	Real	
	AVG(age)	**COUNT(*)**
0	38.643585	48842

	Synthetic	
	AVG(age)	**COUNT(*)**
0	38.643585	48842

SQL for Real:
SELECT AVG(age), COUNT(*) FROM C1 WHERE (`native.country` LIKE 'United-States' OR capital < 0) AND (workclass LIKE 'Private' AND occupation <> 'Adm-clerical') OR (sex IN ('Male', 'Female') OR race <> 'White') OR (income IN ('<=50K', '>50K') OR education LIKE 'Some-college')

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(age), COUNT(*) FROM C1_syn_06 WHERE (`native.country` LIKE 'United-States' OR capital < 0) AND (workclass LIKE 'Private' AND occupation <> 'Adm-clerical') OR (sex IN ('Male', 'Female') OR race <> 'White') OR (income IN ('<=50K', '>50K') OR education LIKE 'Some-college')

Resulted in 1 records

Aggregate value difference between real and synthetic: (0.0)

Count value difference between real and synthetic: (0.0)

===

Real
SUM(age) COUNT(*)
0 1887430   48842

Synthetic
SUM(age) COUNT(*)
0 1887430   48842

SQL for Real:
SELECT SUM(age), COUNT(*) FROM C1 WHERE (`native.country` LIKE 'United-States') OR (workclass IN ('?', 'Self-emp-inc', 'Private', 'Federal-gov', 'Local-gov', 'Self-emp-not-inc', 'State-gov') OR race = 'White') OR ((fnlwgt BETWEEN 108506 AND 207668) OR relationship LIKE 'Husband')

Resulted in 1 records

SQL for Synthetic:
SELECT SUM(age), COUNT(*) FROM C1_syn_06 WHERE (`native.country` LIKE 'United-States') OR (workclass IN ('?', 'Self-emp-inc', 'Private', 'Federal-gov', 'Local-gov', 'Self-emp-not-inc', 'State-gov') OR race = 'White') OR ((fnlwgt BETWEEN 108506 AND 207668) OR relationship LIKE 'Husband')

Resulted in 1 records

Aggregate value difference between real and synthetic: (0)

Count value difference between real and synthetic: (0)

===

Real
SUM(fnlwgt) COUNT(*)
0 8767040491   46171

Synthetic
SUM(fnlwgt)   COUNT(*)
0 5997172381.160765   33086

SQL for Real:
SELECT SUM(fnlwgt), COUNT(*) FROM C1 WHERE (capital <= 0) OR (race IN ('Black', 'Asian-Pac-Islander', 'Amer-Indian-Eskimo', 'Other', 'White') AND workclass IN ('Self-emp-inc', 'Self-emp-not-inc', 'Private')) AND (occupation IN ('Priv-house-serv', 'Craft-repair', 'Other-service', 'Armed-Forces', 'Protective-serv', '?', 'Machine-op-inspct', 'Tech-support', 'Handlers-cleaners', 'Prof-specialty') AND `marital.status` IN ('Married-AF-spouse', 'Never-married', 'Married-civ-spouse', 'Married-spouse-absent'))

Resulted in 1 records

SQL for Synthetic:
SELECT SUM(fnlwgt), COUNT(*) FROM C1_syn_06 WHERE (capital <= 0) OR (race IN ('Black', 'Asian-Pac-Islander', 'Amer-Indian-Eskimo', 'Other', 'White') AND workclass IN ('Self-emp-inc', 'Self-emp-not-inc', 'Private')) AND (occupation IN ('Priv-house-serv', 'Craft-repair', 'Other-service', 'Armed-Forces', 'Protective-serv', '?', 'Machine-op-inspct', 'Tech-support', 'Handlers-cleaners', 'Prof-specialty') AND `marital.status` IN ('Married-AF-spouse', 'Never-married', 'Married-civ-spouse', 'Married-spouse-absent'))

Resulted in 1 records

Aggregate value difference between real and synthetic: (2769868109.8392353)

Count value difference between real and synthetic: (13085.0)

===

Real
MAX(capital) COUNT(*)
0   99999   37788

Synthetic
MAX(capital) COUNT(*)
0   902.309265   37964

SQL for Real:
SELECT MAX(capital), COUNT(*) FROM C1 WHERE (workclass IN ('Private', 'Self-emp-inc', 'Federal-gov')) OR (relationship = 'Own-child' AND sex <> 'Male')

Resulted in 1 records

SQL for Synthetic:
SELECT MAX(capital), COUNT(*) FROM C1_syn_06 WHERE (workclass IN ('Private', 'Self-emp-inc', 'Federal-gov')) OR (relationship = 'Own-child' AND sex <> 'Male')

Resulted in 1 records

Aggregate value difference between real and synthetic: (99096.69073470813)

Count value difference between real and synthetic: (176.0)

===

Real
AVG(capital) COUNT(*)
0   0.000000   259

Synthetic
AVG(capital) COUNT(*)
0   None   0

SQL for Real:
SELECT AVG(capital), COUNT(*) FROM C1 WHERE (sex LIKE 'Male') AND (age = 68 OR relationship LIKE 'Unmarried') AND ((capital BETWEEN 0 AND 0) AND `native.country` = 'United-States') AND (`hours.per.week` <> 60 AND `marital.status` = 'Never-married') AND (race = 'White' AND income <> '>50K')

Resulted in 1 records

SQL for Synthetic:

SELECT AVG(capital), COUNT(*) FROM C1_syn_06 WHERE (sex LIKE 'Male') AND (age = 68 OR relationship LIKE 'Unmarried') AND ((capital BETWEEN 0 AND 0) AND `native.country` = 'United-States') AND (`hours.per.week` <> 60 AND `marital.status` = 'Never-married') AND (race = 'White' AND income <> '>50K')

Resulted in 1 records

Aggregate value difference between real and synthetic: (nan)

Count value difference between real and synthetic: (259)

==

Real

	AVG(capital)	COUNT(*)
0	668.774065	22803

Synthetic

	AVG(capital)	COUNT(*)
0	None	0

SQL for Real:
SELECT AVG(capital), COUNT(*) FROM C1 WHERE (`hours.per.week` BETWEEN 40 AND 40)

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(capital), COUNT(*) FROM C1_syn_06 WHERE (`hours.per.week` BETWEEN 40 AND 40)

Resulted in 1 records

Aggregate value difference between real and synthetic: (nan)

Count value difference between real and synthetic: (22803)

==

Real

	MIN(capital)	COUNT(*)
0	-4356	48842

Synthetic

	MIN(capital)	COUNT(*)
0	-439.660050	48842

SQL for Real:
SELECT MIN(capital), COUNT(*) FROM C1 WHERE (race IN ('Amer-Indian-Eskimo', 'Black', 'White') OR relationship = 'Own-child') OR (sex IN ('Female', 'Male') OR income LIKE '<=50K')

Resulted in 1 records

SQL for Synthetic:
SELECT MIN(capital), COUNT(*) FROM C1_syn_06 WHERE (race IN ('Amer-Indian-Eskimo', 'Black', 'White') OR relationship = 'Own-child') OR (sex IN ('Female', 'Male') OR income LIKE '<=50K')

Resulted in 1 records

Aggregate value difference between real and synthetic: (3916.339950163204)

Count value difference between real and synthetic: (0.0)

==

Real

	SUM(age)	COUNT(*)
0	1887430	48842

Synthetic

	SUM(age)	COUNT(*)
0	1887430	48842

SQL for Real:
SELECT SUM(age), COUNT(*) FROM C1 WHERE (sex IN ('Male', 'Female')) OR (education IN ('1st-4th', '11th', '5th-6th', 'Assoc-voc', '9th', 'Bachelors', 'Assoc-acdm', 'Prof-school', '10th', 'Masters', 'Preschool', 'HS-grad') OR `native.country` <> 'United-States') OR ((capital BETWEEN 0 AND 0) OR age >= 46) AND (`marital.status` <> 'Never-married' AND `hours.per.week` = 40)

Resulted in 1 records

SQL for Synthetic:
SELECT SUM(age), COUNT(*) FROM C1_syn_06 WHERE (sex IN ('Male', 'Female')) OR (education IN ('1st-4th', '11th', '5th-6th', 'Assoc-voc', '9th', 'Bachelors', 'Assoc-acdm', 'Prof-school', '10th', 'Masters', 'Preschool', 'HS-grad') OR `native.country` <> 'United-States') OR ((capital BETWEEN 0 AND 0) OR age >= 46) AND (`marital.status` <> 'Never-married' AND `hours.per.week` = 40)

Resulted in 1 records

Aggregate value difference between real and synthetic: (0)

Count value difference between real and synthetic: (0)

==

Real

	SUM(capital)	COUNT(*)
0	12312233	20883

Synthetic

	SUM(capital)	COUNT(*)
0	65474.801527	21412

SQL for Real:
SELECT SUM(capital), COUNT(*) FROM C1 WHERE (occupation <> 'Exec-managerial' AND `hours.per.week` BETWEEN 40 AND 43)

Resulted in 1 records

SQL for Synthetic:
SELECT SUM(capital), COUNT(*) FROM C1_syn_06 WHERE (occupation <> 'Exec-managerial' AND `hours.per.week` BETWEEN 40 AND 43)

Resulted in 1 records

Aggregate value difference between real and synthetic: (12246758.198473303)

Count value difference between real and synthetic: (529.0)

===

Real

	AVG(fnlwgt)	COUNT(*)
0	189664.134597	48842

Synthetic

	AVG(fnlwgt)	COUNT(*)
0	180572.410644	48842

SQL for Real:
SELECT AVG(fnlwgt), COUNT(*) FROM C1 WHERE (capital < 0) OR (sex IN ('Female', 'Male') OR workclass <> 'Private')

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(fnlwgt), COUNT(*) FROM C1_syn_06 WHERE (capital < 0) OR (sex IN ('Female', 'Male') OR workclass <> 'Private')

Resulted in 1 records

Aggregate value difference between real and synthetic: (9091.723953408044)

Count value difference between real and synthetic: (0.0)

===

Real

	AVG(age)	COUNT(*)
0	41.127338	22994

Synthetic

	AVG(age)	COUNT(*)
0	40.243123	16868

SQL for Real:
SELECT AVG(age), COUNT(*) FROM C1 WHERE (`marital.status` <> 'Never-married' AND fnlwgt BETWEEN 351324 AND 114639) OR (income <> '<=50K' OR relationship LIKE 'Not-in-family')

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(age), COUNT(*) FROM C1_syn_06 WHERE (`marital.status` <> 'Never-married' AND fnlwgt BETWEEN 351324 AND 114639) OR (income <> '<=50K' OR relationship LIKE 'Not-in-family')

Resulted in 1 records

Aggregate value difference between real and synthetic: (0.8842144930468123)

Count value difference between real and synthetic: (6126.0)

===

Real

	SUM(capital)	COUNT(*)
0	48430033	48842

Synthetic

	SUM(capital)	COUNT(*)
0	62413.350463	48842

SQL for Real:
SELECT SUM(capital), COUNT(*) FROM C1 WHERE (occupation IN ('Craft-repair', 'Transport-moving', 'Adm-clerical', 'Other-service', 'Exec-managerial', '?', 'Tech-support', 'Priv-house-serv', 'Armed-Forces', 'Farming-fishing', 'Sales', 'Prof-specialty', 'Machine-op-inspct', 'Protective-serv', 'Handlers-cleaners')) OR (relationship IN ('Husband', 'Unmarried', 'Other-relative') OR education = 'Some-college') AND (`native.country` <> 'United-States' AND `marital.status` = 'Married-civ-spouse')

Resulted in 1 records

SQL for Synthetic:
SELECT SUM(capital), COUNT(*) FROM C1_syn_06 WHERE (occupation IN ('Craft-repair', 'Transport-moving', 'Adm-clerical', 'Other-service', 'Exec-managerial', '?', 'Tech-support', 'Priv-house-serv', 'Armed-Forces', 'Farming-fishing', 'Sales', 'Prof-specialty', 'Machine-op-inspct', 'Protective-serv', 'Handlers-cleaners')) OR (relationship IN ('Husband', 'Unmarried', 'Other-relative') OR education = 'Some-college') AND (`native.country` <> 'United-States' AND `marital.status` = 'Married-civ-spouse')

Resulted in 1 records

Aggregate value difference between real and synthetic: (48367619.64953706)

Count value difference between real and synthetic: (0.0)

===

Real

	SUM(fnlwgt)	COUNT(*)
0	9263575662	48842

Synthetic

	SUM(fnlwgt)	COUNT(*)
0	8819517680.667645	48842

SQL for Real:
SELECT SUM(fnlwgt), COUNT(*) FROM C1 WHERE (`native.country` = 'United-States' AND race LIKE 'White') AND ((age BETWEEN 52 AND 53) AND workclass = 'Private') AND (fnlwgt = 201600 AND `marital.status` LIKE 'Married-civ-spouse') OR (relationship LIKE 'Not-in-family' OR sex IN ('Male', 'Female'))

Resulted in 1 records

SQL for Synthetic:
SELECT SUM(fnlwgt), COUNT(*) FROM C1_syn_06 WHERE (`native.country` = 'United-States' AND race LIKE 'White') AND ((age BETWEEN 52 AND 53) AND workclass = 'Private') AND (fnlwgt = 201600 AND `marital.status` LIKE 'Married-civ-spouse') OR (relationship LIKE 'Not-in-family' OR sex IN ('Male', 'Female'))

Resulted in 1 records

Aggregate value difference between real and synthetic: (444057981.3323555)

Count value difference between real and synthetic: (0.0)

===

Real

	AVG(fnlwgt)	COUNT(*)
0	189666.522974	48838

Synthetic

	AVG(fnlwgt)	COUNT(*)
0	180576.234120	48828

SQL for Real:
SELECT AVG(fnlwgt), COUNT(*) FROM C1 WHERE (`native.country` LIKE 'Cuba') OR (`marital.status` = 'Divorced' AND age = 36) OR (race IN ('Other', 'Black') OR sex LIKE 'Male') OR (income = '<=50K' OR workclass <> 'Federal-gov') OR (education LIKE 'Some-college' OR `hours.per.week` >= 40)

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(fnlwgt), COUNT(*) FROM C1_syn_06 WHERE (`native.country` LIKE 'Cuba') OR (`marital.status` = 'Divorced' AND age = 36) OR (race IN ('Other', 'Black') OR sex LIKE 'Male') OR (income = '<=50K' OR workclass <> 'Federal-gov') OR (education LIKE 'Some-college' OR `hours.per.week` >= 40)

Resulted in 1 records

Aggregate value difference between real and synthetic: (9090.288853804406)

Count value difference between real and synthetic: (10.0)

===

Real

	SUM(`hours.per.week`)	COUNT(*)
0	479396	12887

Synthetic

	SUM(`hours.per.week`)	COUNT(*)
0	563156.125498	14119

SQL for Real:
SELECT SUM(`hours.per.week`), COUNT(*) FROM C1 WHERE ((age BETWEEN 38 AND 42) AND workclass IN ('Self-emp-inc', 'Private', 'State-gov')) OR (occupation LIKE 'Machine-op-inspct' OR `hours.per.week` < 40) AND (capital <= 0 AND sex = 'Male') AND (income <> '<=50K' AND education LIKE 'HS-grad') OR (`native.country` IN ('Poland', 'El-Salvador', 'Dominican-Republic', 'China', 'India', 'Italy', 'Hungary', 'Trinadad&Tobago', 'France') OR relationship = 'Own-child')

Resulted in 1 records

SQL for Synthetic:
SELECT SUM(`hours.per.week`), COUNT(*) FROM C1_syn_06 WHERE ((age BETWEEN 38 AND 42) AND workclass IN ('Self-emp-inc', 'Private', 'State-gov')) OR (occupation LIKE 'Machine-op-inspct' OR `hours.per.week` < 40) AND (capital <= 0 AND sex = 'Male') AND (income <> '<=50K' AND education LIKE 'HS-grad') OR (`native.country` IN ('Poland', 'El-Salvador', 'Dominican-Republic', 'China', 'India', 'Italy', 'Hungary', 'Trinadad&Tobago', 'France') OR relationship = 'Own-child')

Resulted in 1 records

Aggregate value difference between real and synthetic: (83760.12549816584)

Count value difference between real and synthetic: (1232.0)

===

Real

	MAX(`hours.per.week`)	COUNT(*)
0	99	9056

Synthetic

	MAX(`hours.per.week`)	COUNT(*)
0	40.441673	5800

SQL for Real:
SELECT MAX(`hours.per.week`), COUNT(*) FROM C1 WHERE (relationship LIKE 'Own-child' OR age = 57) AND (sex IN ('Female', 'Male') AND race <> 'Black') AND (income LIKE '<=50K' AND workclass = 'Private') AND (`hours.per.week` = 22 AND capital >= 0) AND (education <> '11th' AND `marital.status` IN ('Separated', 'Married-civ-spouse')) OR (occupation = 'Adm-clerical' OR fnlwgt > 345157)

Resulted in 1 records

SQL for Synthetic:
SELECT MAX(`hours.per.week`), COUNT(*) FROM C1_syn_06 WHERE (relationship LIKE 'Own-child' OR age = 57) AND (sex IN ('Female', 'Male') AND race <> 'Black') AND (income LIKE '<=50K' AND workclass = 'Private') AND (`hours.per.week` = 22 AND capital >= 0) AND (education <> '11th' AND `marital.status` IN ('Separated', 'Married-civ-spouse')) OR (occupation = 'Adm-clerical' OR fnlwgt > 345157)

Resulted in 1 records

Aggregate value difference between real and synthetic: (58.5583269642291)

Count value difference between real and synthetic: (3256.0)

===

	Real	
	AVG(`hours.per.week`)	**COUNT(*)**
0	40.347100	48718

	Synthetic	
	AVG(`hours.per.week`)	**COUNT(*)**
0	39.984757	48842

SQL for Real:
SELECT AVG(`hours.per.week`), COUNT(*) FROM C1 WHERE (relationship LIKE 'Own-child' AND sex LIKE 'Male') OR (income LIKE '>50K' OR workclass LIKE 'Private') OR (age >= 56 OR `marital.status` IN ('Widowed', 'Married-AF-spouse', 'Married-spouse-absent', 'Married-civ-spouse', 'Divorced', 'Separated', 'Never-married')) AND (race = 'White' AND education <> 'Some-college') AND (capital < 0 AND `native.country` = 'United-States') OR (fnlwgt = 150533 OR `hours.per.week` <> 70)

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(`hours.per.week`), COUNT(*) FROM C1_syn_06 WHERE (relationship LIKE 'Own-child' AND sex LIKE 'Male') OR (income LIKE '>50K' OR workclass LIKE 'Private') OR (age >= 56 OR `marital.status` IN ('Widowed', 'Married-AF-spouse', 'Married-spouse-absent', 'Married-civ-spouse', 'Divorced', 'Separated', 'Never-married')) AND (race = 'White' AND education <> 'Some-college') AND (capital < 0 AND `native.country` = 'United-States') OR (fnlwgt = 150533 OR `hours.per.week` <> 70)

Resulted in 1 records

Aggregate value difference between real and synthetic: (0.3623427382433775)

Count value difference between real and synthetic: (124.0)

==

	Real	
	AVG(capital)	**COUNT(*)**
0	991.565313	48842

	Synthetic	
	AVG(capital)	**COUNT(*)**
0	1.277862	48842

SQL for Real:
SELECT AVG(capital), COUNT(*) FROM C1 WHERE (`native.country` LIKE 'United-States' OR age BETWEEN 56 AND 50) OR ((capital BETWEEN 0 AND 0) OR fnlwgt BETWEEN 115418 AND 261203) OR (workclass <> 'Self-emp-not-inc' OR sex IN ('Female', 'Male')) AND (income = '<=50K' AND `hours.per.week` < 40) OR (`marital.status` = 'Never-married' OR relationship IN ('Other-relative', 'Wife', 'Not-in-family', 'Unmarried', 'Husband', 'Own-child'))

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(capital), COUNT(*) FROM C1_syn_06 WHERE (`native.country` LIKE 'United-States' OR age BETWEEN 56 AND 50) OR ((capital BETWEEN 0 AND 0) OR fnlwgt BETWEEN 115418 AND 261203) OR (workclass <> 'Self-emp-not-inc' OR sex IN ('Female', 'Male')) AND (income = '<=50K' AND `hours.per.week` < 40) OR (`marital.status` = 'Never-married' OR relationship IN ('Other-relative', 'Wife', 'Not-in-family', 'Unmarried', 'Husband', 'Own-child'))

Resulted in 1 records

Aggregate value difference between real and synthetic: (990.2874503406301)

Count value difference between real and synthetic: (0.0)

==

	Real	
	AVG(fnlwgt)	**COUNT(*)**
0	189664.134597	48842

	Synthetic	
	AVG(fnlwgt)	**COUNT(*)**
0	180572.410644	48842

SQL for Real:
SELECT AVG(fnlwgt), COUNT(*) FROM C1 WHERE (sex IN ('Male', 'Female') AND capital = 4386) OR (occupation IN ('Machine-op-inspct', 'Protective-serv') OR income IN ('>50K', '<=50K')) OR (race LIKE 'White' OR `hours.per.week` <> 84) AND (`marital.status` = 'Married-civ-spouse' AND fnlwgt < 117927)

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(fnlwgt), COUNT(*) FROM C1_syn_06 WHERE (sex IN ('Male', 'Female') AND capital = 4386) OR (occupation IN ('Machine-op-inspct', 'Protective-serv') OR income IN ('>50K', '<=50K')) OR (race LIKE 'White' OR `hours.per.week` <> 84) AND (`marital.status` = 'Married-civ-spouse' AND fnlwgt < 117927)

Resulted in 1 records

Aggregate value difference between real and synthetic: (9091.723953408044)

Count value difference between real and synthetic: (0.0)

==

	Real	
	AVG(fnlwgt)	**COUNT(*)**
0	189664.134597	48842

	Synthetic	
	AVG(fnlwgt)	**COUNT(*)**
0	180572.410644	48842

SQL for Real:
SELECT AVG(fnlwgt), COUNT(*) FROM C1 WHERE (race LIKE 'White') OR (age <= 26 AND `native.country` IN ('France', 'Cambodia', '?', 'Vietnam')) OR (relationship IN ('Not-in-family', 'Other-relative', 'Unmarried', 'Wife', 'Own-child', 'Husband') OR sex LIKE 'Male')

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(fnlwgt), COUNT(*) FROM C1_syn_06 WHERE (race LIKE 'White') OR (age <= 26 AND `native.country` IN ('France', 'Cambodia', '?', 'Vietnam')) OR (relationship IN ('Not-in-family', 'Other-relative', 'Unmarried', 'Wife', 'Own-child', 'Husband') OR sex LIKE 'Male')

Resulted in 1 records

Aggregate value difference between real and synthetic: (9091.723953408044)

Count value difference between real and synthetic: (0.0)

==

Real
	AVG(fnlwgt)	COUNT(*)
0	189664.134597	48842

Synthetic
	AVG(fnlwgt)	COUNT(*)
0	180572.410644	48842

SQL for Real:
SELECT AVG(fnlwgt), COUNT(*) FROM C1 WHERE (`native.country` LIKE 'United-States') AND (education LIKE 'Some-college' OR occupation <> '?') OR (workclass = 'Private' OR sex IN ('Male', 'Female'))

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(fnlwgt), COUNT(*) FROM C1_syn_06 WHERE (`native.country` LIKE 'United-States') AND (education LIKE 'Some-college' OR occupation <> '?') OR (workclass = 'Private' OR sex IN ('Male', 'Female'))

Resulted in 1 records

Aggregate value difference between real and synthetic: (9091.723953408044)

Count value difference between real and synthetic: (0.0)

==

Real
	SUM(`hours.per.week`)	COUNT(*)
0	817008	21796

Synthetic
	SUM(`hours.per.week`)	COUNT(*)
0	898350.779654	22516

SQL for Real:
SELECT SUM(`hours.per.week`), COUNT(*) FROM C1 WHERE (sex <> 'Male' OR education IN ('10th', 'Masters', '7th-8th', '12th', '11th', '9th'))

Resulted in 1 records

SQL for Synthetic:
SELECT SUM(`hours.per.week`), COUNT(*) FROM C1_syn_06 WHERE (sex <> 'Male' OR education IN ('10th', 'Masters', '7th-8th', '12th', '11th', '9th'))

Resulted in 1 records

Aggregate value difference between real and synthetic: (81342.77965358354)

Count value difference between real and synthetic: (720.0)

==

Real
	AVG(capital)	COUNT(*)
0	991.565313	48842

Synthetic
	AVG(capital)	COUNT(*)
0	1.277862	48842

SQL for Real:
SELECT AVG(capital), COUNT(*) FROM C1 WHERE (`marital.status` = 'Never-married' OR workclass <> 'Private') OR (relationship = 'Own-child' OR fnlwgt = 54260) OR (`native.country` = 'United-States' OR sex <> 'Female') OR (`hours.per.week` <= 45 OR income IN ('<=50K', '>50K'))

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(capital), COUNT(*) FROM C1_syn_06 WHERE (`marital.status` = 'Never-married' OR workclass <> 'Private') OR (relationship = 'Own-child' OR fnlwgt = 54260) OR (`native.country` = 'United-States' OR sex <> 'Female') OR (`hours.per.week` <= 45 OR income IN ('<=50K', '>50K'))

Resulted in 1 records

Aggregate value difference between real and synthetic: (990.2874503406301)

Count value difference between real and synthetic: (0.0)

==

Real
	AVG(capital)	COUNT(*)
0	853.594347	31983

Synthetic
	AVG(capital)	COUNT(*)
0	0.964106	32096

SQL for Real:
SELECT AVG(capital), COUNT(*) FROM C1 WHERE (occupation IN ('Protective-serv', 'Transport-moving', 'Adm-clerical', '?', 'Craft-repair', 'Farming-fishing', 'Machine-op-inspct', 'Armed-Forces', 'Exec-managerial', 'Sales', 'Priv-house-serv', 'Prof-specialty', 'Other-service', 'Tech-support')) AND (sex IN ('Female', 'Male') AND workclass = 'Private')

Resulted in 1 records

SQL for Synthetic:

SELECT AVG(capital), COUNT(*) FROM C1_syn_06 WHERE (occupation IN ('Protective-serv', 'Transport-moving', 'Adm-clerical', '?', 'Craft-repair', 'Farming-fishing', 'Machine-op-inspct', 'Armed-Forces', 'Exec-managerial', 'Sales', 'Priv-house-serv', 'Prof-specialty', 'Other-service', 'Tech-support')) AND (sex IN ('Female', 'Male') AND workclass = 'Private')

Resulted in 1 records

Aggregate value difference between real and synthetic: (852.6302409553653)

Count value difference between real and synthetic: (113.0)

==

Real

	AVG(age)	COUNT(*)
0	39.008671	6112

Synthetic

	AVG(age)	COUNT(*)
0	39.199291	5926

SQL for Real:
SELECT AVG(age), COUNT(*) FROM C1 WHERE (sex IN ('Male', 'Female') AND occupation = 'Craft-repair') OR (workclass <> 'Private' OR age BETWEEN 41 AND 61) AND (`marital.status` LIKE 'Never-married' AND capital = 7298) AND (`native.country` = 'United-States' AND income LIKE '<=50K')

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(age), COUNT(*) FROM C1_syn_06 WHERE (sex IN ('Male', 'Female') AND occupation = 'Craft-repair') OR (workclass <> 'Private' OR age BETWEEN 41 AND 61) AND (`marital.status` LIKE 'Never-married' AND capital = 7298) AND (`native.country` = 'United-States' AND income LIKE '<=50K')

Resulted in 1 records

Aggregate value difference between real and synthetic: (0.1906197928906721)

Count value difference between real and synthetic: (186.0)

==

Real

	MAX(`hours.per.week`)	COUNT(*)
0	99	41985

Synthetic

	MAX(`hours.per.week`)	COUNT(*)
0	40.592070	42267

SQL for Real:
SELECT MAX(`hours.per.week`), COUNT(*) FROM C1 WHERE (`marital.status` = 'Divorced') AND ((capital BETWEEN 15024 AND 4386) OR `native.country` <> 'United-States') AND (race = 'White' AND relationship <> 'Husband') OR (sex <> 'Male' OR age <= 50) OR (income IN ('<=50K', '>50K') OR workclass IN ('State-gov', 'Self-emp-not-inc', 'Private', 'Federal-gov', 'Self-emp-inc', '?', 'Local-gov')) AND (fnlwgt = 250423 AND education IN ('Masters', '11th', '5th-6th', 'Assoc-acdm', 'Bachelors', 'Some-college', 'Assoc-voc', 'HS-grad', '12th', 'Preschool', '7th-8th', 'Prof-school', 'Doctorate', '10th', '1st-4th'))

Resulted in 1 records

SQL for Synthetic:
SELECT MAX(`hours.per.week`), COUNT(*) FROM C1_syn_06 WHERE (`marital.status` = 'Divorced') AND ((capital BETWEEN 15024 AND 4386) OR `native.country` <> 'United-States') AND (race = 'White' AND relationship <> 'Husband') OR (sex <> 'Male' OR age <= 50) OR (income IN ('<=50K', '>50K') OR workclass IN ('State-gov', 'Self-emp-not-inc', 'Private', 'Federal-gov', 'Self-emp-inc', '?', 'Local-gov')) AND (fnlwgt = 250423 AND education IN ('Masters', '11th', '5th-6th', 'Assoc-acdm', 'Bachelors', 'Some-college', 'Assoc-voc', 'HS-grad', '12th', 'Preschool', '7th-8th', 'Prof-school', 'Doctorate', '10th', '1st-4th'))

Resulted in 1 records

Aggregate value difference between real and synthetic: (58.4079295175281)

Count value difference between real and synthetic: (282.0)

==

Real

	AVG(fnlwgt)	COUNT(*)
0	189664.134597	48842

Synthetic

	AVG(fnlwgt)	COUNT(*)
0	180572.410644	48842

SQL for Real:
SELECT AVG(fnlwgt), COUNT(*) FROM C1 WHERE (income <> '<=50K') OR ((`hours.per.week` BETWEEN 45 AND 40) AND `native.country` IN ('Scotland', 'Vietnam', 'Thailand', 'Trinadad&Tobago', 'Laos', 'India', 'Iran', 'Italy', 'France', 'Portugal', 'Cambodia', 'United-States', 'Taiwan', 'Guatemala', 'South', 'Hungary', 'Peru', 'Honduras', 'Columbia', 'Hong', 'Jamaica', 'Yugoslavia', 'Greece', 'Philippines', 'Puerto-Rico', 'Haiti', 'Mexico', 'Cuba', 'Outlying-US(Guam-USVI-etc)')) OR (sex IN ('Male', 'Female') OR education = 'HS-grad') OR (workclass IN ('State-gov', 'Private') OR race LIKE 'Black') OR (relationship IN ('Husband', 'Other-relative', 'Own-child', 'Wife') OR `marital.status` LIKE 'Married-civ-spouse') OR (occupation <> 'Machine-op-inspct' OR fnlwgt <> 166425)

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(fnlwgt), COUNT(*) FROM C1_syn_06 WHERE (income <> '<=50K') OR ((`hours.per.week` BETWEEN 45 AND 40) AND `native.country` IN ('Scotland', 'Vietnam', 'Thailand', 'Trinadad&Tobago', 'Laos', 'India', 'Iran', 'Italy', 'France', 'Portugal', 'Cambodia', 'United-States', 'Taiwan', 'Guatemala', 'South', 'Hungary', 'Peru', 'Honduras', 'Columbia', 'Hong', 'Jamaica', 'Yugoslavia', 'Greece', 'Philippines', 'Puerto-Rico', 'Haiti', 'Mexico', 'Cuba', 'Outlying-US(Guam-USVI-etc)')) OR (sex IN ('Male', 'Female') OR education = 'HS-grad') OR (workclass IN ('State-gov', 'Private') OR race LIKE 'Black') OR (relationship IN ('Husband', 'Other-relative', 'Own-child', 'Wife') OR `marital.status` LIKE 'Married-civ-spouse') OR (occupation <> 'Machine-op-inspct' OR fnlwgt <> 166425)

Resulted in 1 records

Aggregate value difference between real and synthetic: (9091.723953408044)

Count value difference between real and synthetic: (0.0)

==

	Real	
	MAX(`hours.per.week`)	**COUNT(*)**
0	None	0

	Synthetic	
	MAX(`hours.per.week`)	**COUNT(*)**
0	None	0

SQL for Real:
SELECT MAX(`hours.per.week`), COUNT(*) FROM C1 WHERE (fnlwgt = 346478) AND (income = '<=50K' OR capital > 0) AND (education <> 'Masters' AND `hours.per.week` < 20)

Resulted in 1 records

SQL for Synthetic:
SELECT MAX(`hours.per.week`), COUNT(*) FROM C1_syn_06 WHERE (fnlwgt = 346478) AND (income = '<=50K' OR capital > 0) AND (education <> 'Masters' AND `hours.per.week` < 20)

Resulted in 1 records

Aggregate value difference between real and synthetic: (nan)

Count value difference between real and synthetic: (0)

==

	Real	
	AVG(fnlwgt)	**COUNT(*)**
0	203295.900000	20

	Synthetic	
	AVG(fnlwgt)	**COUNT(*)**
0	162929.250716	14

SQL for Real:
SELECT AVG(fnlwgt), COUNT(*) FROM C1 WHERE (race IN ('Amer-Indian-Eskimo', 'White', 'Other', 'Asian-Pac-Islander', 'Black') OR income <> '<=50K') AND (occupation = 'Sales' AND `native.country` = 'United-States') AND (workclass IN ('?', 'State-gov') AND sex IN ('Male', 'Female'))

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(fnlwgt), COUNT(*) FROM C1_syn_06 WHERE (race IN ('Amer-Indian-Eskimo', 'White', 'Other', 'Asian-Pac-Islander', 'Black') OR income <> '<=50K') AND (occupation = 'Sales' AND `native.country` = 'United-States') AND (workclass IN ('?', 'State-gov') AND sex IN ('Male', 'Female'))

Resulted in 1 records

Aggregate value difference between real and synthetic: (40366.64928385249)

Count value difference between real and synthetic: (6.0)

==

	Real	
	AVG(fnlwgt)	**COUNT(*)**
0	189642.647617	48399

	Synthetic	
	AVG(fnlwgt)	**COUNT(*)**
0	180750.903477	46569

SQL for Real:
SELECT AVG(fnlwgt), COUNT(*) FROM C1 WHERE (race LIKE 'Amer-Indian-Eskimo' AND age <= 47) OR (workclass IN ('Private', 'Self-emp-not-inc', '?') OR capital BETWEEN -1628 AND 0) OR (fnlwgt < 41979 OR relationship LIKE 'Husband')

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(fnlwgt), COUNT(*) FROM C1_syn_06 WHERE (race LIKE 'Amer-Indian-Eskimo' AND age <= 47) OR (workclass IN ('Private', 'Self-emp-not-inc', '?') OR capital BETWEEN -1628 AND 0) OR (fnlwgt < 41979 OR relationship LIKE 'Husband')

Resulted in 1 records

Aggregate value difference between real and synthetic: (8891.744139682618)

Count value difference between real and synthetic: (1830.0)

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	Real	
	AVG(capital)	**COUNT(*)**
0	1026.687119	47379

	Synthetic	
	AVG(capital)	**COUNT(*)**
0	1.954942	48440

SQL for Real:
SELECT AVG(capital), COUNT(*) FROM C1 WHERE (relationship <> 'Husband' AND sex LIKE 'Female') OR (capital > 0 OR fnlwgt < 185267) OR (occupation <> 'Sales' OR age = 33)

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(capital), COUNT(*) FROM C1_syn_06 WHERE (relationship <> 'Husband' AND sex LIKE 'Female') OR (capital > 0 OR fnlwgt < 185267) OR (occupation <> 'Sales' OR age = 33)

Resulted in 1 records

Aggregate value difference between real and synthetic: (1024.732176857079)

Count value difference between real and synthetic: (1061.0)

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Real

AVG(age) COUNT(*)

0 38.636532   48736

Synthetic

AVG(age) COUNT(*)

0 38.631316   48071

SQL for Real:
SELECT AVG(age), COUNT(*) FROM C1 WHERE (education <> 'HS-grad') OR (occupation = 'Sales' AND `hours.per.week` > 1) OR (capital = 0 OR sex <> 'Female') OR (age = 46 OR `marital.status` IN ('Widowed', 'Married-spouse-absent', 'Never-married', 'Separated', 'Divorced'))

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(age), COUNT(*) FROM C1_syn_06 WHERE (education <> 'HS-grad') OR (occupation = 'Sales' AND `hours.per.week` > 1) OR (capital = 0 OR sex <> 'Female') OR (age = 46 OR `marital.status` IN ('Widowed', 'Married-spouse-absent', 'Never-married', 'Separated', 'Divorced'))

Resulted in 1 records

Aggregate value difference between real and synthetic: (0.005215338590119245)

Count value difference between real and synthetic: (665.0)

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Real

AVG(`hours.per.week`) COUNT(*)

0   40.401930   48802

Synthetic

AVG(`hours.per.week`) COUNT(*)

0   39.984757   48842

SQL for Real:
SELECT AVG(`hours.per.week`), COUNT(*) FROM C1 WHERE (`marital.status` <> 'Married-civ-spouse' AND age = 41) OR (race IN ('Amer-Indian-Eskimo', 'Asian-Pac-Islander') OR occupation <> 'Other-service') OR (education LIKE 'HS-grad' OR workclass = 'Private') OR (fnlwgt <> 294671 OR `native.country` <> 'United-States') AND (income <> '<=50K' AND capital <> -2415) OR (`hours.per.week` < 50 OR relationship LIKE 'Not-in-family')

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(`hours.per.week`), COUNT(*) FROM C1_syn_06 WHERE (`marital.status` <> 'Married-civ-spouse' AND age = 41) OR (race IN ('Amer-Indian-Eskimo', 'Asian-Pac-Islander') OR occupation <> 'Other-service') OR (education LIKE 'HS-grad' OR workclass = 'Private') OR (fnlwgt <> 294671 OR `native.country` <> 'United-States') AND (income <> '<=50K' AND capital <> -2415) OR (`hours.per.week` < 50 OR relationship LIKE 'Not-in-family')

Resulted in 1 records

Aggregate value difference between real and synthetic: (0.41717335237170516)

Count value difference between real and synthetic: (40.0)

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Real

AVG(capital) COUNT(*)

0 884.302913   44597

Synthetic

AVG(capital) COUNT(*)

0 1.277862   48842

SQL for Real:
SELECT AVG(capital), COUNT(*) FROM C1 WHERE (`hours.per.week` <> 50) OR (fnlwgt < 162442 OR age <= 23) AND (occupation = 'Adm-clerical' AND `native.country` IN ('Trinadad&Tobago', 'Thailand', 'Scotland', 'Mexico', 'Italy', 'Poland', 'Japan', 'Dominican-Republic', 'Vietnam'))

Resulted in 1 records

SQL for Synthetic:
SELECT AVG(capital), COUNT(*) FROM C1_syn_06 WHERE (`hours.per.week` <> 50) OR (fnlwgt < 162442 OR age <= 23) AND (occupation = 'Adm-clerical' AND `native.country` IN ('Trinadad&Tobago', 'Thailand', 'Scotland', 'Mexico', 'Italy', 'Poland', 'Japan', 'Dominican-Republic', 'Vietnam'))

Resulted in 1 records

Aggregate value difference between real and synthetic: (883.025050451849)

Count value difference between real and synthetic: (4245.0)

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