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version-major:1
version-minor:0
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    <?xml version='1.0' encoding='utf-8' ?>

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<datasource formatted-name='oracle.41068.505819074075' inline='true' version='8.1'
xmlns:user='http://www.tableausoftware.com/xml/user'>
  <connection class='dataengine' dbname='oracle_41068_505819074075.tde'>
    <relation name='Extract' table='[Extract].[Extract]' type='table' />
    <calculations>
      <calculation column='[Number of Records]' formula='1' />
    </calculations>
  </connection>
  <aliases enabled='yes' />
  <column caption='Avg Mo GHG' datatype='real' name='[AVG_MO_GHG]' role='measure'
type='quantitative'>
  </column>
  <column caption='Avg Mo Norm KWH' datatype='real' name='[AVG_MO_NORM_KWH]' role='measure'
type='quantitative'>
  </column>
  <column caption='Avg Mo Norm THM' datatype='real' name='[AVG_MO_NORM_THM]' role='measure'
type='quantitative'>
  </column>
  <column caption='Climate Zone' datatype='string' name='[CLIMATE_ZONE]' role='dimension'
type='nominal'>
  </column>
  <column datatype='string' name='[CZSelecteAvgUnit]' role='dimension' type='nominal'>
    <calculation class='tableau' formula='Case [Parameters].[Usage Type]#13;#10;When
&quot;Electricity&quot; Then &quot;kWh&quot;#13;#10;When &quot;NaturalGas&quot; Then
&quot;therms&quot;#13;#10;When &quot;Emissions&quot; Then &quot;kg CO2&quot;#13;#10;end'
/>
  </column>
  <column datatype='real' name='[CZSelectedAvg]' role='measure' type='quantitative'>
    <calculation class='tableau' formula='Case [Parameters].[Usage Type]#13;#10;When
&quot;Electricity&quot; Then [AVG_MO_NORM_KWH]#13;#10;When &quot;NaturalGas&quot; Then
[AVG_MO_NORM_THM]#13;#10;When &quot;Emissions&quot; Then
[AVG_MO_GHG]#13;#10;end' />
  </column>
  <column datatype='integer' name='[Number of Records]' role='measure' type='quantitative' user:auto-
column='numrec'>
    <calculation class='tableau' formula='1' />
  </column>
  <column caption='Residence Type' datatype='string' name='[RESIDENCE_TYPE]' role='dimension'
type='nominal'>
  </column>
  <column caption='Total GHG' datatype='real' name='[TOTAL_GHG]' role='measure' type='quantitative'>
  </column>
  <column datatype='string' hidden='true' name='[TOT_CITY]' role='dimension' semantic-
role='[City].[Name]' type='nominal'>
  </column>
  <column datatype='string' name='[TOT_COUNTY]' role='dimension' semantic-role='[County].[Name]'
type='nominal'>

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</column>
<column caption='Year' datatype='string' name='[YEAR]' role='dimension' type='nominal'>
</column>
<layout dim-ordering='alphabetic' dim-percentage='0.5' measure-ordering='alphabetic' measure-
percentage='0.4' show-structure='true' />
<semantic-values>
  <semantic-value key='[Country].[Name]' value='&quot;United States&quot;' />
</semantic-values>
</datasource>

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key . data
key . dict
value . data
value . dict
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Records . 1 . data
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a c t ++ !!

data-file: COLUMNPROPS\_ACTIVE.data  
datatype: boolean  
default-value: t  
factory: builtin  
fixed: true  
name: COLUMNPROPS\_ACTIVE  
not-null: not-null  
size: 1  
type: bit  
type-file: COLUMNPROPS\_ACTIVE.type

! " # \$ % & ' ( ) \* + , - . / 0 1 2 3 4 5 6 7 8 9 : ; < = > ? @ A B C D E F G H I J K L M N O P Q R S T U V W X Y Z [ \ ] ^ \_ ` a b c d e f g h i j k l m n o p q r s t u v w x y z { | } ~

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N      O      P      Q      R      Z      c      d
U      V      W      X      Y
e      f      g      h      i      j      k
m      n      o      p      q      r      s      t      u      v      w      x      y      z
built-in:oid

```

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data-file: COLUMNPROPS_ID.data
datatype: index
factory: builtin
fixed: true
name: COLUMNPROPS_ID
not-null: not-null
size: 8
type: oid
type-file: COLUMNPROPS_ID.type

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Ω -	j	~	8	J	Z	R	j ~
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  ~      C      8      Z      j      ~
┌ -      →      .      B      @      +      (      R
  j      ~      8      Z      j      ~      C      B      @
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C      (      <      R      j      ~
┌ -      →      .      8      J      Z      j      ~
      B      @      +      C      J      (      <      R
┌ j      ~      →      .      8      J      Z      j      ~
      B      @      +      C      J      (      <      R
┌ j      ~      →      B      @      +      C      J      Z      j      ~
      B      @      +      C      J      Z      j      ~
┌ j      ~      →      B      @      +      C      J      Z      j      ~
      B      @      +      C      J      Z      j      ~
┌ ha      ↗      builtin      cardinality      collation

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l a t i o n  q  c o m p a r a b l e  τ  c o m p r e s s i o n  ↓  d a t a -
f i l e  +  d a t a t y p e  →  d e f a u l t - v a l u e  ↓  d i c t -
f i l e  +  d i s t i n c t  ↗  f a c t o r y  τ  f a m i l y - n a m e
f i x e d  ↓  m a x - v a l u e  ↓  m i n - v a l u e  □  n a m e  +  n o t -
n u l l  ↗  o r d e r e d  ↗  o r d i n a l  ↓  p r e c i s i o n
s c a l e  □  s i z e  →  s o r t - p o s i t i o n  q  s o r t -
s e n s e  ↑  s t o r a g e w i d t h  □  t y p e  ↓  t y p e -
f i l e  ♀  u n i q u e      □  a      c      collation:binary

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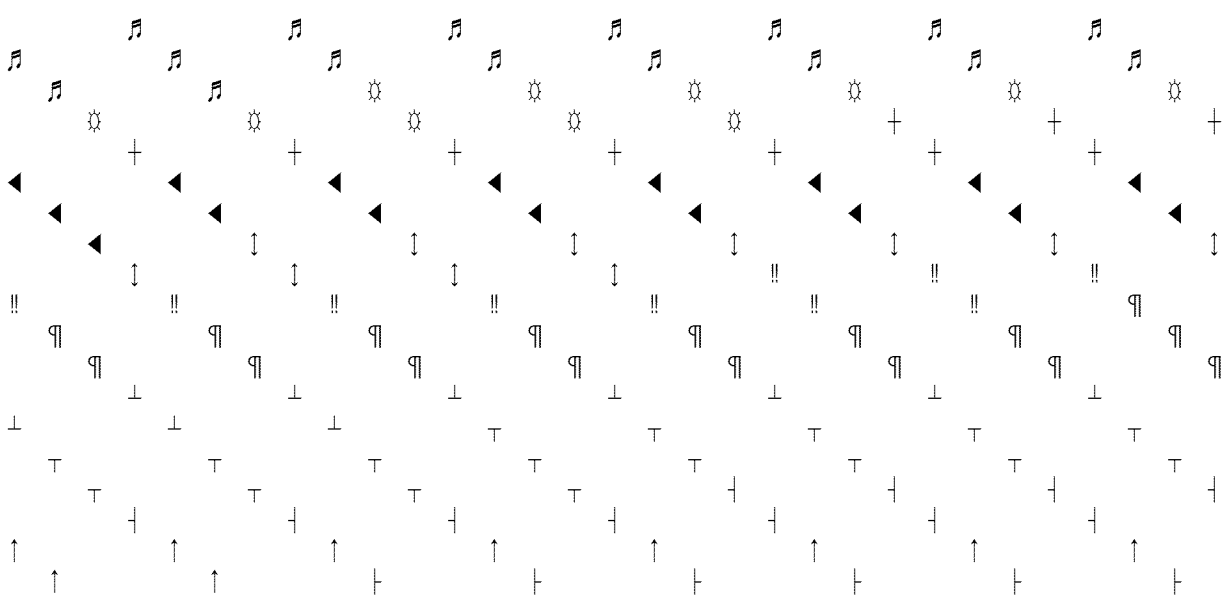
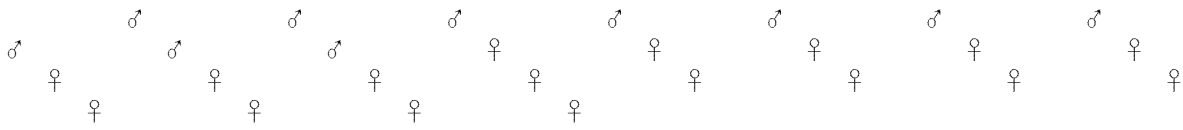
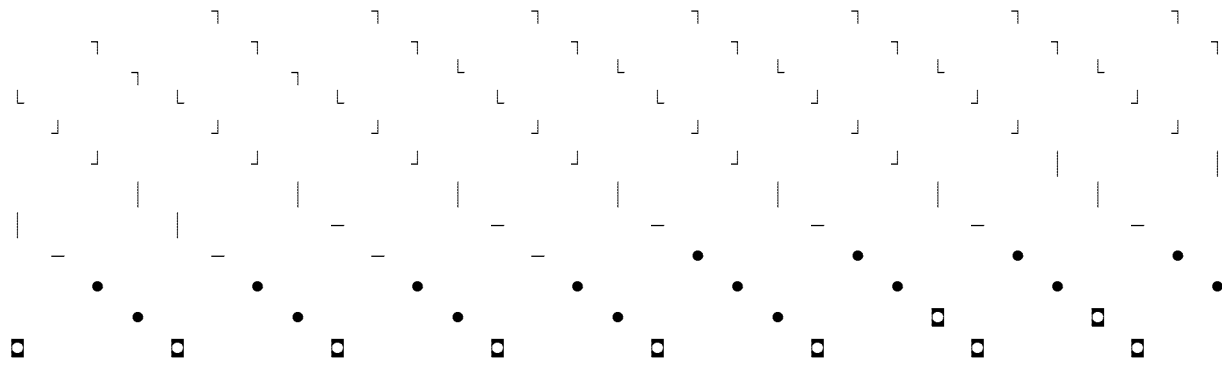
comparable:comparable
compression:heap
data-file:COLUMNPROPS_KEY.data
datatype:usr
dict-file:COLUMNPROPS_KEY.dict
distinct:distinct
factory:varchar
fixed:false
name:COLUMNPROPS_KEY
not-null:not-null
precision:127
scale:2
size:508
storagewidth:8
type:varchar(127,2) collate binary
type-file:COLUMNPROPS_KEY.type

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& 0e  
data-file: COLUMNPROPS\_PARENT.data  
datatype: index  
factory: builtin  
fixed: true  
name: COLUMNPROPS\_PARENT

builtin:oid



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version = \ ' 1 . 0 \ ' encoding = \ ' utf - 8 \ '
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name = \ ' oracle . 4 1 0 6 8 . 5 0 5 8 1 9 0 7 4 0 7 5 \ '
inline = \ ' true \ '
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' tds ' ⌘ 0 ⌘ 1 ⌘ 1 0 ⌘ 1 0 7 3 7 4 1 8 2 3 ⌘ 1 2 - 1 2 0 - 1 2 7 -
1 2 8 ⌘ 2 - 2 4 0 $ 2 6 4 . 1 4 3 1 5 5 2 2 0 9 0 1 7 5 $ 2 7 4 . 8 2
3 0 9 7 1 6 0 4 8 2 9 7 ⌘ 3 ⌘ 3 0 $ 3 1 0 . 8 4 6 4 1 2 0 4 7 5 3 6 9 4
3 1 0 . 8 4 6 4 1 2 0 4 7 5 3 7 ⌘ 3 2 ⌘ 3 5 ⌘ 3 6 ⌘ 4 ⌘ 4 0 - 4 1 0 -
4 1 9 ⌘ 4 2 9 4 9 6 7 2 9 2 ⌘ 4 8 ⌘ 5 - 5 0 8 ⌘ 6 ⌘ 6 0 ⌘ 7 ⌘ 8 ⌘ 9
□ AREA_T AREA . 1 . data_T AREA . 1 . dict↑ AREA .
data↑ AREA . dict ⌘ AVG _ MO _ GHG " AVG _ MO _ G
HG . 1 . data AVG _ MO _ GHG . data AVG _ MO _ N
ORM _ KWH , AVG _ MO _ NORM _ KWH . 1 . data ( AV
G _ MO _ NORM _ KWH . data AVG _ MO _ NORM _ TH
M , AVG _ MO _ NORM _ THM . 1 . data ( AVG _ MO _ N
ORM _ THM . data ( AVG _ MO _ NORM _ THM . dict↑
CLIMATE_ZONE & CLIMATE_ZONE . 1 . data & CL
IMATE_ZONE . 1 . dict " CLIMATE_ZONE . data "
CLIMATE_ZONE . dict $ COLUMN PROPS _ ACTI

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ROPS_ACTIVE.type COLUMNPROPS_ID&C
OLUMNPROPS_ID.data&COLUMNPROPS_ID.
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MPROPS_KEY.type$COLUMNPROPS_PAREN
T.COLUMNPROPS_PARENT.data.COLUMNP
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,COLUMNPROPS_VALUE.data,COLUMNPRO
PS_VALUE.dict,COLUMNPROPS_VALUE.typ
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data↑DUAL_ID.type&EXT_RES_CZ_REF_CI
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Records.1.data,Number of
Records.data RESIDENCE_TYPE*RESIDEN
CE_TYPE.1.data*RESIDENCE_TYPE.1.dict
&RESIDENCE_TYPE.data&RESIDENCE_TYP
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S_PARENT.data.SCHEMAPROPS_PARENT.t
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_VALUE.data,SCHEMAPROPS_VALUE.dict,
SCHEMAPROPS_VALUE.type SCHEMAS_AC
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CTIVE.type||SCHEMAS_ID SCHEMAS_ID.d
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CHEMAS_NAME.data"SCHEMAS_NAME.dict"
SCHEMAS_NAME.type"TABLEPROPS_ACTIV
E,TABLEPROPS_ACTIVE.data,TABLEPR
OPS_ACTIVE.type→TABLEPROPS_ID$TABLEPR
OPS_ID.data$TABLEPROPS_ID.type TABL
EPROPS_KEY&TABLEPROPS_KEY.data&TA
BLEPROPS_KEY.dict&TABLEPROPS_KEY.ty
pe"TABLEPROPS_PARENT,TABLEPROPS_P
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TABLEPROPS_VALUE*TABLEPROPS_VALUE
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OPS_VALUE.type→TABLES_ACTIVE$TABLE
S_ACTIVE.data$TABLES_ACTIVE.type↑TA
BLES_ID TABLES_ID.data TABLES_ID.typ
e↑TABLES_NAME TABLES_NAME.data
TABLES_NAME.dict
TABLES_NAME.type→TABLES_PARENT$TAB
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↑TOTAL_GHG

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↓ YEAR.data ↓ YEAR.dict
array - asc ♀ bigint ♀ binary - bit ♂ boolean ♂ b
uiltin, clob(1) collate
binary ¶ comparable □ desc † distinct ♀ doubl
e
false
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index ♂ integer - key ¶ key.1.data ¶ key.1.di
ct † key.data † key.dict † not-
null - oid □ real_T_tiny □ true ♀ unique - usr
value ↑ value.1.data ↑ value.1.dict ¶ value.
data ¶ value.dict ♂ varchar8 varchar(10,1)
collate binary8 varchar(12,1) collate
binary:varchar(127,2) collate
binary8 varchar(30,1) collate
binary8 varchar(32,1) collate
binary8 varchar(60,1) collate binary

```

```

┌ P          ── collation:binary
comparable:comparable
compression:heap
data-file:COLUMNPROPS_VALUE.data
datatype:usr
dict-file:COLUMNPROPS_VALUE.dict
distinct:distinct
factory:varchar
fixed:false
name:COLUMNPROPS_VALUE
not-null:not-null
precision:127
scale:2
size:508
storagewidth:8
type:varchar(127,2) collate binary
type-file:COLUMNPROPS_VALUE.type

```

```

┌ b          pl
┌ ♀          ↑ COLUMNPROPS_ACTIVE.data p↑
↑          ↑ COLUMNPROPS_ACTIVE.type `†
z†          ¶ COLUMNPROPS_ID.data = →=
¶          ¶ COLUMNPROPS_ID.type H
⌘          ± COLUMNPROPS_KEY.data pa a ±
±          ± COLUMNPROPS_KEY.dict c c ±
COLUMNPROPS_KEY.type †e *e ↑ C
COLUMNPROPS_PARENT.data t ↑ C
COLUMNPROPS_PARENT.type † †
COLUMNPROPS_VALUE.data 0 J †
COLUMNPROPS_VALUE.dict b →b †
COLUMNPROPS_VALUE.type pl l

```

```

┌ R          NJ          builtin:bit
data-file:COLUMNS_ACTIVE.data
datatype:boolean
default-value:t

```

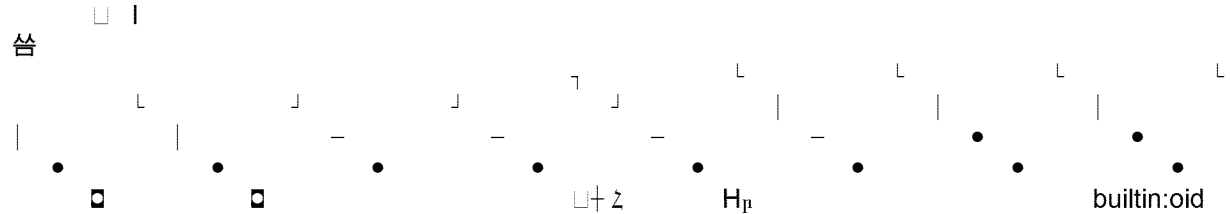
factory:builtin  
fixed:true  
name:COLUMNS\_ACTIVE  
not-null:not-null  
size:1  
type:bit  
type-file:COLUMNS\_ACTIVE.type

! " # \$ % &  
builtin:oid

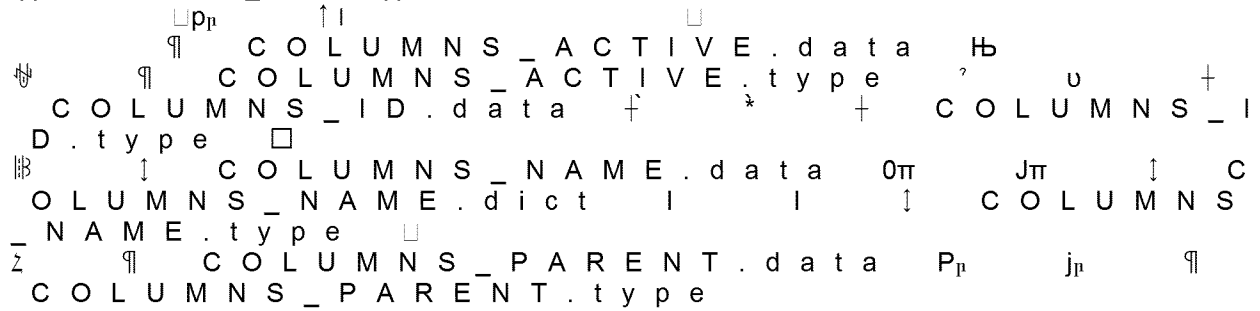
data-file:COLUMNS\_ID.data  
datatype:index  
factory:builtin  
fixed:true  
name:COLUMNS\_ID  
not-null:not-null  
size:8  
type:oid  
type-file:COLUMNS\_ID.type

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@ J p l l A  
o \_L "L @L dL l l L  
@ qJ ' & ä  
(π □ AREA ¶ AVG\_MO\_GHG AVG  
\_MO\_NORM\_KWH AVG\_MO\_NORM\_THM ↑ CLI  
MATE\_ZONE \$ COLUMNPROPS\_ACTIVE COLU  
MNPROPS\_ID COLUMNPROPS\_KEY \$ COLUM  
NPROPS\_PARENT " COLUMNPROPS\_VALUE C  
OLUMNS\_ACTIVE ¶ COLUMNS\_ID ↑ COLUMNS\_  
NAME COLUMNS\_PARENT ¶ DUAL\_ID " N u m b e  
r o f  
RECORDS RESIDENCE\_TYPE \$ SCHEMAPROPS\_  
ACTIVE SCHEMAPROPS\_ID SCHEMAPRO  
PS\_KEY \$ SCHEMAPROPS\_PARENT " SCHEMA  
PROPS\_VALUE SCHEMAS\_ACTIVE ¶ SCHEMA  
S\_ID ↑ SCHEMAS\_NAME " TABLEPROPS\_ACTI  
VE → TABLEPROPS\_ID TABLEPROPS\_  
KEY " TA  
BLEPROPS\_PARENT  
TABLEPROPS\_VALUE → TABLES\_ACTIVE ↓ TA  
BLES\_ID ↓ TABLES\_NAME → TABLES\_PARENT ↓  
TOTAL\_GHG ¶ TOT\_COUNTY □ YEAR - key  
value □ PTT I collation:binary  
comparable:comparable  
compression:heap  
data-file:COLUMNS\_NAME.data  
datatype:usr

dict-file: COLUMNS\_NAME.dict  
distinct: distinct  
factory: varchar  
fixed: false  
name: COLUMNS\_NAME  
not-null: not-null  
precision: 127  
scale: 2  
size: 508  
storagewidth: 8  
type: varchar(127,2) collate binary  
type-file: COLUMNS\_NAME.type



data-file: COLUMNS\_PARENT.data  
datatype: index  
factory: builtin  
fixed: true  
name: COLUMNS\_PARENT  
not-null: not-null  
size: 8  
type: oid  
type-file: COLUMNS\_PARENT.type



data-file: DUAL\_ID.data  
datatype: index  
factory: builtin  
fixed: true  
name: DUAL\_ID  
not-null: not-null  
size: 8  
type: oid  
type-file: DUAL\_ID.type



data-file: SCHEMAPROPS\_ACTIVE.data  
datatype: boolean

default-value:t  
factory:builtin  
fixed:true  
name:SCHEMAPROPS\_ACTIVE  
not-null:not-null  
size:1  
type:bit  
type-file:SCHEMAPROPS\_ACTIVE.type

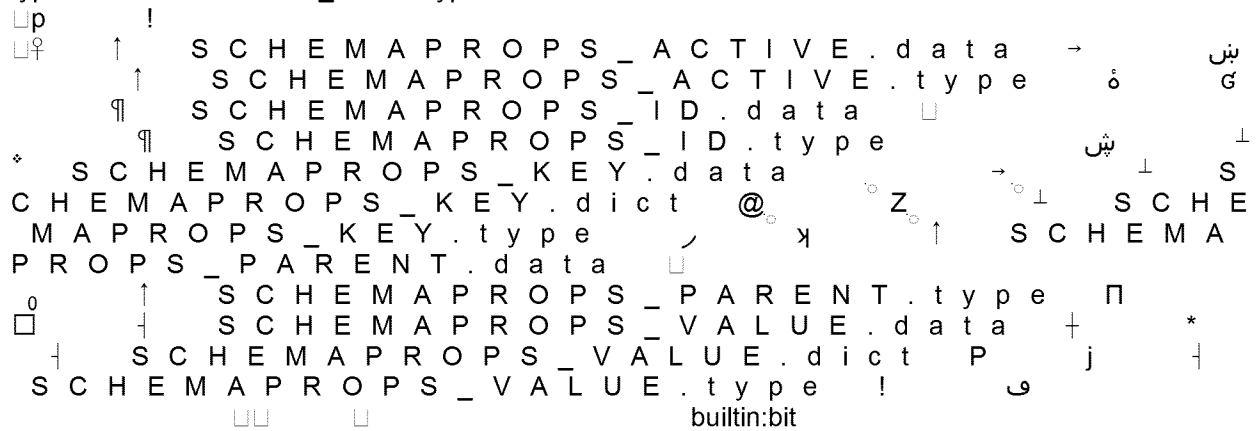
data-file:SCHEMAPROPS\_ID.data  
datatype:index  
factory:builtin  
fixed:true  
name:SCHEMAPROPS\_ID  
not-null:not-null  
size:8  
type:oid  
type-file:SCHEMAPROPS\_ID.type

comparable:comparable  
compression:heap  
data-file:SCHEMAPROPS\_KEY.data  
datatype:usr  
dict-file:SCHEMAPROPS\_KEY.dict  
distinct:distinct  
factory:varchar  
fixed:false  
name:SCHEMAPROPS\_KEY  
not-null:not-null  
precision:127  
scale:2  
size:508  
storagewidth:8  
type:varchar(127,2) collate binary  
type-file:SCHEMAPROPS\_KEY.type

data-file:SCHEMAPROPS\_PARENT.data  
datatype:index  
factory:builtin  
fixed:true  
name:SCHEMAPROPS\_PARENT  
not-null:not-null  
size:8  
type:oid  
type-file:SCHEMAPROPS\_PARENT.type

data-file:SCHEMAPROPS\_EXTRACTSYS.data  
datatype:usr  
factory:varchar  
fixed:false  
name:SCHEMAPROPS\_EXTRACTSYS  
not-null:not-null  
precision:127  
scale:2  
size:508  
storagewidth:8  
type:varchar(127,2) collate binary  
type-file:SCHEMAPROPS\_EXTRACTSYS.type

comparable:comparable  
compression:heap  
data-file:SCHEMAPROPS\_VALUE.data  
datatype:usr  
dict-file:SCHEMAPROPS\_VALUE.dict  
distinct:distinct  
factory:vchar  
fixed:false  
name:SCHEMAPROPS\_VALUE  
not-null:not-null  
precision:127  
scale:2  
size:508  
storagewidth:8  
type:vchar(127,2) collate binary  
type-file:SCHEMAPROPS\_VALUE.type



data-file:SCHEMAS\_ACTIVE.data  
datatype:boolean  
default-value:t  
factory:builtin  
fixed:true  
name:SCHEMAS\_ACTIVE  
not-null:not-null  
size:1  
type:bit  
type-file:SCHEMAS\_ACTIVE.type

builtin:oid

data-file:SCHEMAS\_ID.data  
datatype:index  
factory:builtin  
fixed:true  
name:SCHEMAS\_ID  
not-null:not-null  
size:8  
type:oid  
type-file:SCHEMAS\_ID.type

Extract - SYS  
collation:binary

comparable:comparable  
compression:heap

data-file:SCHEMAS\_NAME.data  
datatype:usr  
dict-file:SCHEMAS\_NAME.dict  
distinct:distinct  
factory:varchar  
fixed:false  
name:SCHEMAS\_NAME  
not-null:not-null  
precision:127  
scale:2  
size:508  
storagewidth:8  
type:varchar(127,2) collate binary  
type-file:SCHEMAS\_NAME.type

SCHEMAS\_ACTIVE.data  
SCHEMAS\_ACTIVE.type  
SCHEMAS\_ID.data  
SCHEMAS\_ID.type  
SCHEMAS\_NAME.data  
SCHEMAS\_NAME.dict  
SCHEMAS\_NAME.type

builtin:bit  
data-file:TABLEPROPS\_ACTIVE.data  
datatype:boolean  
default-value:t  
factory:builtin  
fixed:true  
name:TABLEPROPS\_ACTIVE  
not-null:not-null  
size:1  
type:bit  
type-file:TABLEPROPS\_ACTIVE.type

builtin:oid

data-file:TABLEPROPS\_ID.data  
datatype:index  
factory:builtin  
fixed:true  
name:TABLEPROPS\_ID  
not-null:not-null  
size:8  
type:oid  
type-file:TABLEPROPS\_ID.type

data-file-name  
collation:binary  
comparable:comparable

compression:heap  
data-file:TABLEPROPS\_KEY.data  
datatype:usr  
dict-file:TABLEPROPS\_KEY.dict  
distinct:distinct  
factory:varchar  
fixed:false  
name:TABLEPROPS\_KEY  
not-null:not-null  
precision:127  
scale:2  
size:508  
storagewidth:8  
type:varchar(127,2) collate binary  
type-file:TABLEPROPS\_KEY.type

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□ builtin:oid  
data-file:TABLEPROPS\_PARENT.data  
datatype:index  
factory:builtin  
fixed:true  
name:TABLEPROPS\_PARENT  
not-null:not-null  
size:8  
type:oid  
type-file:TABLEPROPS\_PARENT.type

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T T | | □□ □

\$ T a b l e a u M e t a d a t a T C O L U M N P R O P S C O L U M  
N S □ D U A L ⌘ E x t r a c t T S C H E M A P R O P S ⌘ S C H E M  
A S ⌘ T A B L E P R O P S ♀ T A B L E S □ □ P  
□ collation:binary

comparable:comparable  
compression:heap  
data-file:TABLEPROPS\_VALUE.data  
datatype:usr  
dict-file:TABLEPROPS\_VALUE.dict  
distinct:distinct  
factory:varchar  
fixed:false  
name:TABLEPROPS\_VALUE  
not-null:not-null  
precision:127  
scale:2  
size:508  
storagewidth:8  
type:varchar(127,2) collate binary  
type-file:TABLEPROPS\_VALUE.type

□p□ □  
□♀ □ T A B L E P R O P S \_ A C T I V E . d a t a p♀  
♂ □ T A B L E P R O P S \_ A C T I V E . t y p e ⌘ z



```

꺆      !!      TABLEPROPS_ID.data  +꺆      *
꺆      !!      TABLEPROPS_ID.type  □
□      꺆      TABLEPROPS_KEY.data   꺆
꺆      꺆      TABLEPROPS_KEY.dict  꺆
□      꺆      TABLEPROPS_KEY.type  @·      Z
·      +      TABLEPROPS_PARENT.data  □
□      +      TABLEPROPS_PARENT.type  a
가      꺆      TABLEPROPS_VALUE.data  □
□      꺆      TABLEPROPS_VALUE.dict  꺆      j
□      꺆      TABLEPROPS_VALUE.type  3      꺆
                                     □꺆      騏      builtin:bit

```

```

data-file:TABLES_ACTIVE.data
datatype:boolean
default-value:t
factory:builtin
fixed:true
name:TABLES_ACTIVE
not-null:not-null
size:1
type:bit
type-file:TABLES_ACTIVE.type

```

```

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□      꺆      -      •      □      꺆      꺆      8      꺆
□      builtin:oid

```

```

data-file:TABLES_ID.data
datatype:index
factory:builtin
fixed:true
name:TABLES_ID
not-null:not-null
size:8
type:oid
type-file:TABLES_ID.type

```

```

□      꺆      "      :      꺆      d      |
      T      꺆      꺆      h꺆
$ Tableau Metadata 꺆 COLUMNPROPS 꺆 COLUMN
NS 꺆 DUAL 꺆 Extract 꺆 SCHEMAPROPS 꺆 SCHEM
AS 꺆 TABLEPROPS 꺆 TABLES 꺆 꺆 @
□      collation:binary

```

```

comparable:comparable
compression:heap
data-file:TABLES_NAME.data
datatype:usr
dict-file:TABLES_NAME.dict
distinct:distinct
factory:varchar
fixed:false
name:TABLES_NAME
not-null:not-null
precision:127
scale:2
size:508
storagewidth:8
type:varchar(127,2) collate binary

```

type-file:TABLES\_NAME.type

□ □

□; □ □

builtin:oid

data-file:TABLES\_PARENT.data

datatype:index

factory:builtin

fixed:true

name:TABLES\_PARENT

not-null:not-null

size:8

type:oid

type-file:TABLES\_PARENT.type

```

    □ 0 □ n □
    !! TABLES_ACTIVE.data □
    !! TABLES_ACTIVE.type 3
    □ □ TABLES_ID.data @ □ Z
    □ □ TABLES_ID.type □ →
    □ ◀ TABLES_NAME.data p □
    □ ◀ TABLES_NAME.dict @ □ Z
    □ ◀ TABLES_NAME.type □
    □ !! TABLES_PARENT.data † □ *
    □ !! TABLES_PARENT.type □
    □ • ♀ COLUMNPROPS | R* □ COLUMNS
    @! H | DUAL @ □ ♀ SCHEMAP
    R O P S □ □ SCHEMAS ( P
    □ ♂ TABLEPROPS ☺ ض • TABLES
    □ □
    □ ◌ □ .database.type P j □ Extrac
    t !! □ J SYS ↓

```