**Evaluation Only. Created with Aspose.Words. Copyright 2003-2022 Aspose Pty Ltd.**

**Cleansing**

**Evaluation Only. Created with Aspose.Words. Copyright 2003-2022 Aspose Pty Ltd.**

Nulls values by columns in the data: df1 - 2020 <bound method NDFrame.\_add\_numeric\_operations.<locals>.sum of MPVC 0

MPMakeCode 0

MPRangeCode 0

MPModelCode 0

Make 0

Model Range 0

Model Variant 0

Series 14216

CofO 0

Body 0

Trans 0

CC 0

Total 0

2020 0

2019 0

2018 0

2017 0

2016 0

2015 0

2014 0

2013 0

2012 0

2011 0

2010 0

2009 0

2008 0

2007 0

2006 0

Pre-2006 0

Unique 0

dtype: int64>

Missing Data by Percentage df1 - 2020: MPVC - 0%

Missing Data by Percentage df1 - 2020: MPMakeCode - 0%

Missing Data by Percentage df1 - 2020: MPRangeCode - 0%

Missing Data by Percentage df1 - 2020: MPModelCode - 0%

Missing Data by Percentage df1 - 2020: Make - 0%

Missing Data by Percentage df1 - 2020: Model Range - 0%

Missing Data by Percentage df1 - 2020: Model Variant - 0%

Missing Data by Percentage df1 - 2020: Series - 20%

Missing Data by Percentage df1 - 2020: CofO - 0%

Missing Data by Percentage df1 - 2020: Body - 0%

Missing Data by Percentage df1 - 2020: Trans - 0%

Missing Data by Percentage df1 - 2020: CC - 0%

Missing Data by Percentage df1 - 2020: Total - 0%

Missing Data by Percentage df1 - 2020: 2020 - 0%

Missing Data by Percentage df1 - 2020: 2019 - 0%

Missing Data by Percentage df1 - 2020: 2018 - 0%

Missing Data by Percentage df1 - 2020: 2017 - 0%

Missing Data by Percentage df1 - 2020: 2016 - 0%

Missing Data by Percentage df1 - 2020: 2015 - 0%

Missing Data by Percentage df1 - 2020: 2014 - 0%

Missing Data by Percentage df1 - 2020: 2013 - 0%

Missing Data by Percentage df1 - 2020: 2012 - 0%

Missing Data by Percentage df1 - 2020: 2011 - 0%

Missing Data by Percentage df1 - 2020: 2010 - 0%

Missing Data by Percentage df1 - 2020: 2009 - 0%

Missing Data by Percentage df1 - 2020: 2008 - 0%

Missing Data by Percentage df1 - 2020: 2007 - 0%

Missing Data by Percentage df1 - 2020: 2006 - 0%

Missing Data by Percentage df1 - 2020: Pre-2006 - 0%

Missing Data by Percentage df1 - 2020: Unique - 0%

Nulls values by columns in the data df2 - 2021: <bound method NDFrame.\_add\_numeric\_operations.<locals>.sum of MPVC 0

MPMakeCode 0

MPRangeCode 0

MPModelCode 0

Make 0

Model Range 0

Model Variant 0

Series 13917

CofO 1

Body 15

Trans 0

CC 0

Total 0

2021 0

2020 0

2019 0

2018 0

2017 0

2016 0

2015 0

2014 0

2013 0

2012 0

2011 0

2010 0

2009 0

2008 0

2007 0

Pre-2007 0

Unique 0

dtype: int64>

Missing Data by Percentage df2 - 2021: MPVC - 0%

Missing Data by Percentage df2 - 2021: MPMakeCode - 0%

Missing Data by Percentage df2 - 2021: MPRangeCode - 0%

Missing Data by Percentage df2 - 2021: MPModelCode - 0%

Missing Data by Percentage df2 - 2021: Make - 0%

Missing Data by Percentage df2 - 2021: Model Range - 0%

Missing Data by Percentage df2 - 2021: Model Variant - 0%

Missing Data by Percentage df2 - 2021: Series - 19%

Missing Data by Percentage df2 - 2021: CofO - 0%

Missing Data by Percentage df2 - 2021: Body - 0%

Missing Data by Percentage df2 - 2021: Trans - 0%

Missing Data by Percentage df2 - 2021: CC - 0%

Missing Data by Percentage df2 - 2021: Total - 0%

Missing Data by Percentage df2 - 2021: 2021 - 0%

Missing Data by Percentage df2 - 2021: 2020 - 0%

Missing Data by Percentage df2 - 2021: 2019 - 0%

Missing Data by Percentage df2 - 2021: 2018 - 0%

Missing Data by Percentage df2 - 2021: 2017 - 0%

Missing Data by Percentage df2 - 2021: 2016 - 0%

Missing Data by Percentage df2 - 2021: 2015 - 0%

Missing Data by Percentage df2 - 2021: 2014 - 0%

Missing Data by Percentage df2 - 2021: 2013 - 0%

Missing Data by Percentage df2 - 2021: 2012 - 0%

Missing Data by Percentage df2 - 2021: 2011 - 0%

Missing Data by Percentage df2 - 2021: 2010 - 0%

Missing Data by Percentage df2 - 2021: 2009 - 0%

Missing Data by Percentage df2 - 2021: 2008 - 0%

Missing Data by Percentage df2 - 2021: 2007 - 0%

Missing Data by Percentage df2 - 2021: Pre-2007 - 0%

Missing Data by Percentage df2 - 2021: Unique - 0%

Cross variance results:DataComPy Comparison

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DataFrame Summary

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DataFrame Columns Rows

0 original 30 69376

1. new 30 72664

Column Summary

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Number of columns in common: 28

Number of columns in original but not in new: 2

Number of columns in new but not in original: 2

Row Summary

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Matched on: unique

Any duplicates on match values: Yes

Absolute Tolerance: 0.0001

Relative Tolerance: 0

Number of rows in common: 67,966

Number of rows in original but not in new: 1,410

Number of rows in new but not in original: 4,698

Number of rows with some compared columns unequal: 52,276

Number of rows with all compared columns equal: 15,690

Column Comparison

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Number of columns compared with some values unequal: 21

Number of columns compared with all values equal: 7

Total number of values which compare unequal: 144,613

Columns with Unequal Values or Types

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Column original dtype new dtype # Unequal Max Diff # Null Diff

20 2007 int64 int64 6996 5238.0 0

19 2008 int64 int64 6674 4492.0 0

18 2009 int64 int64 6806 6177.0 0

17 2010 int64 int64 6098 5144.0 0

16 2011 int64 int64 5545 6183.0 0

15 2012 int64 int64 5616 5857.0 0

14 2013 int64 int64 5418 11280.0 0

13 2014 int64 int64 5456 12782.0 0

12 2015 int64 int64 6146 13099.0 0

11 2016 int64 int64 5965 10601.0 0

10 2017 int64 int64 5818 8212.0 0

9 2018 int64 int64 5887 12141.0 0

8 2019 int64 int64 5054 10221.0 0

7 2020 int64 int64 3333 5873.0 0

5 cc int64 int64 36 9400.0 0

3 cofo object object 1 0.0 0

0 model range object object 790 0.0 0

1. model variant object object 38 0.0 0
2. series object object 25 0.0 25

6 total int64 int64 51063 53966.0 0

4 trans object object 11848 0.0 0

Sample Rows with Unequal Values

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**This document was truncated here because it was created in the Evaluation Mode.**