

# Bond Sales Analysis Report

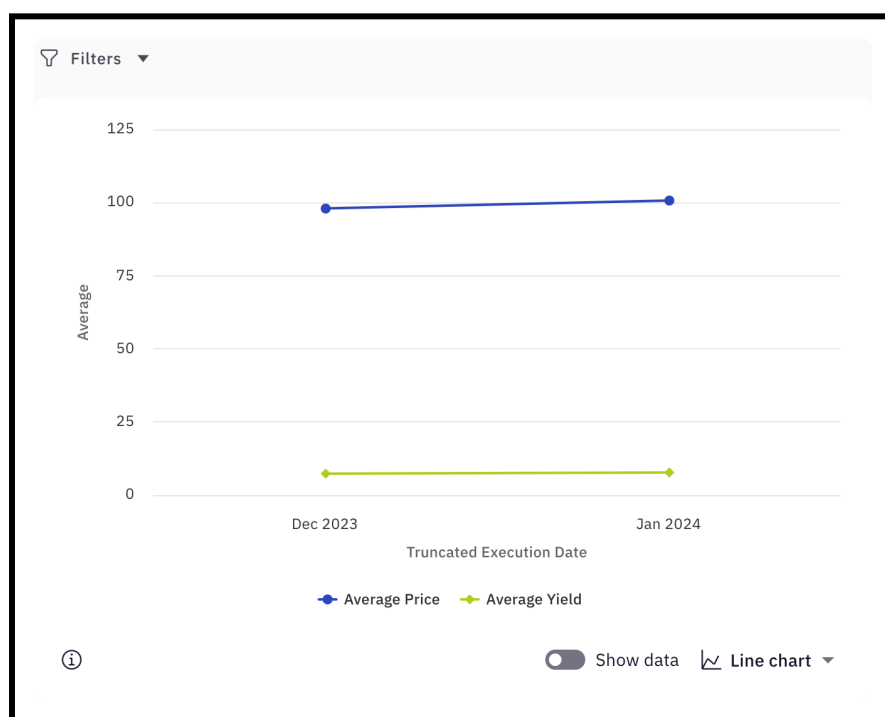
Data: Corporate bond transactions during the period of January 2024 [5000 transactions]

Analysis file: Synthetic\_Corporate\_EHD\_5000.csv

## Results:

### 1. Market summary:

- Total number of distinct trades executed: **4982**
- Total trading volume (Quantity): **12.58B**
- Average trade price and yield trends:



Between December 2023 and January 2024, the average trade price increased from approximately 98.01 to 100.71, while the average yield also rose from about 7.35 to 7.74. This indicates a concurrent upward trend in both average price and yield over this period.

## 2. Bond summary:

- Top 5 most active bonds

Filters ▼

Cusip ↕	⋮	f Total Trading Volume ↕	⋮	
931089858X		4,996,555.00		
939164760X		4,995,974.00		
624097871X		4,995,891.00		
639619606X		4,995,378.00		
276938013X		4,994,437.00		
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- Top 5 least active bonds

Filters ▼

Cusip ↕	⋮	f Total Trading Volume ↕	⋮	
891471650X		10,718.00		
640701735X		13,519.00		
140313303X		13,583.00		
697690444X		17,276.00		
731408003X		18,645.00		
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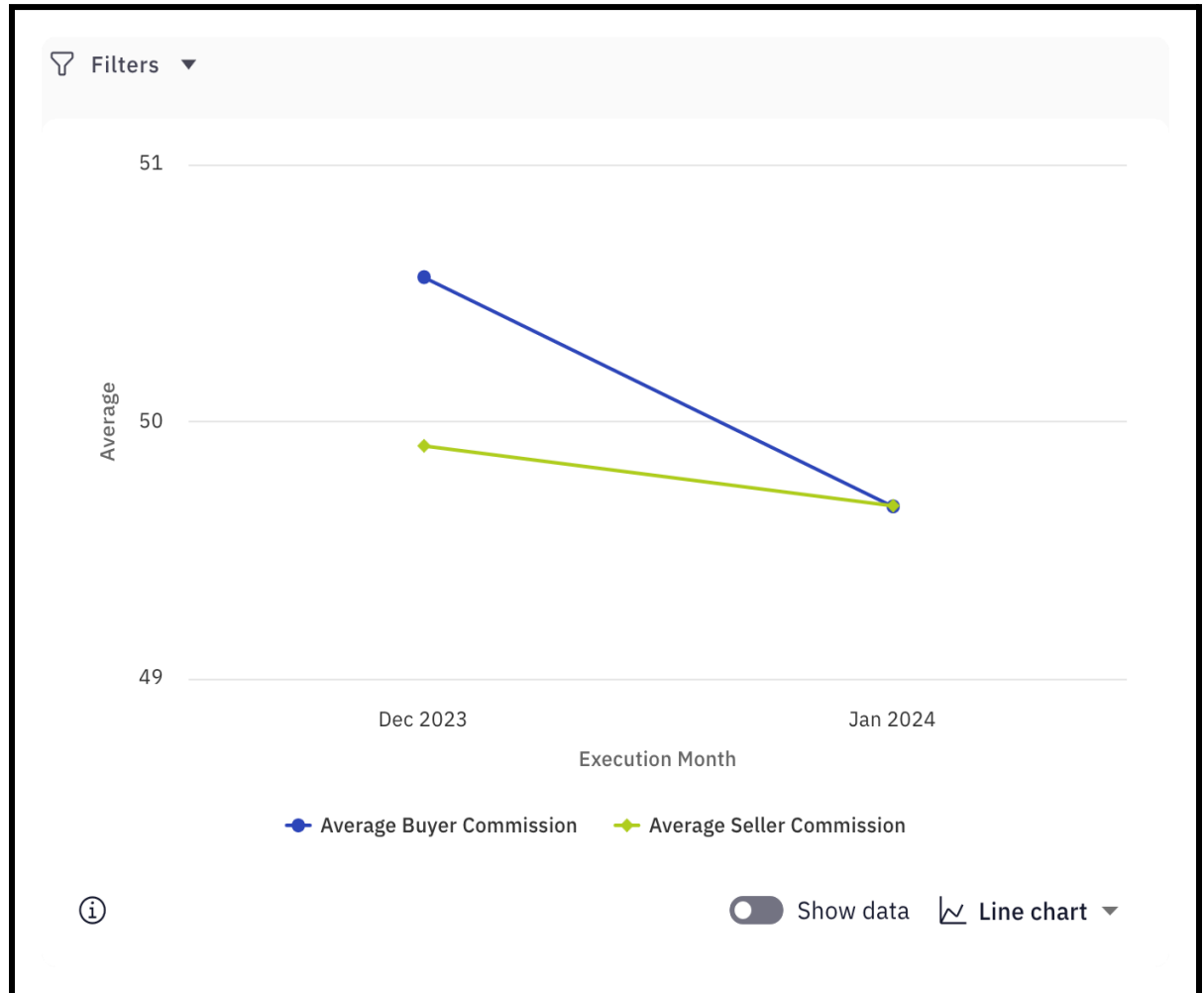
- Average price of bonds with yield greater than 5%: **100.33**

- How do bond prices correlate with their yields?

The correlation coefficient between bond prices and their yields is -0.002443, indicating an extremely weak and almost negligible inverse relationship. This suggests that changes in bond prices have little to no linear impact on their yields in this dataset.

### 3. Buyer/seller summary

- How do average buyer and seller commissions vary over time?



From December 2023 to January 2024, there is a slight decrease in the average buyer commission, dropping from approximately 50.56 to 49.67, while the average seller commission remains relatively stable, changing marginally from around 49.91 to 49.67.

- Which bonds have the lowest and highest buyer commissions?

Lowest buyer commission: **344556307X**

Filters ▼	
Cusip	↕ Average Buyer Commission
344556307X	0.01
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ⓘ           Table ▼	

Highest buyer commission: **858694536X**

Filters ▼	
Cusip	↕ Average Buyer Commission
858694536X	99.99
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- Is there a correlation between trade price and commission costs?

The correlation coefficients indicate a very weak positive correlation between trade price and both buyer commission (0.00277) and seller commission (0.011026), suggesting that changes in trade price have little to no linear relationship with the commission costs.

