



# Improved Hyper File Format

Sebastian Hofstetter | Lead Engineer: Database

27-Jan-2021 | shofstetter@tableau.com





## What did you improve?

Better file size compression for incremental refreshes / row deletion.

## How do I get it?

Download the latest Hyper API (January) release and opt-in to the new file format.

## Which products support reading the new file format?

Tableau Prep 2020.2+.

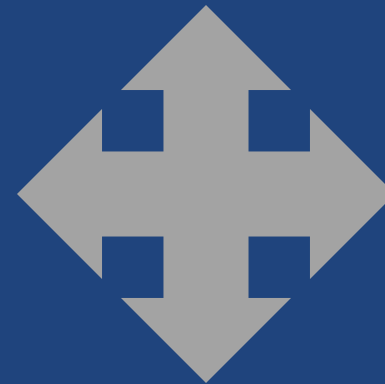
All other Tableau products starting at 2019.2.10, 2019.3.6, 2019.4.5, 2020.1.1 and newer.



# Background - File Format Optimizations

Read/Query Performance

File Size / Compression



Row Write/Append Performance

Row Delete Performance



# Demo

```
<table border="1">
  <thead>
    <tr>
      <th>id</th>
      <th>name</th>
      <th>email</th>
      <th>password</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>1</td>
      <td>John</td>
      <td>john.doe@example.com</td>
      <td>12345678</td>
    </tr>
  </tbody>
</table>
```

Hyper API example and more resources:

<https://github.com/tableau/hyper-api-samples/tree/main/Community-Supported/convert-hyper-file/>



# Thank you!

[developer.tableau.com](https://developer.tableau.com)