The Flashbots relay will add two new fields to the Data-API entries:

1. block_number

(uint64, string): much requested by the community for ease of use of the data.

1. num_tx

(uint64 string) - number of transactions included, allows for more comprehensive data analysis and visualisations

[Example payload from Sepolia](#):

```
[ { // previous fields "slot": "829403", "parent_hash":
"0x985d53dece2acadab4e38d14656e586b16c6d6af47f0b4237831857f0eb6e287", "block_hash":
"0x493c2f4aac3e7a33b513e5b6202e2f37bfae6604f1f9ed33af4b590de211a102", "builder_pubkey":
"0x845bd072b7cd566f02faeb0a4033ce9399e42839ced64e8b2adcfc859ed1e8e1a5a293336a49feac6d9a5edb779be53a",
"proposer_pubkey":
"0xab6b47627cf76d9552c723818db5ebee7734542436b50ffe15b3a96e8e7a6b54f9a0965de78405e16e309193f147108d",
"proposer_fee_recipient": "0x1268ad189526ac0b386faf06effc46779c340ee6", "gas_limit": "30000000", "gas_used":
"218576", "value": "942436999118000",

  // new fields
  "num_tx": "8",
  "block_number": "2081196"
}

]
```

Notes:

- This change is only on the data API, and does not impact the block builder API (which continues using previous BidTrace).

- Pull-request: [Data API: BidTraceV2 (with num_tx + block_number) by metachris · Pull Request #195 · flashbots/mev-boost-relay · GitHub](#)

We call on all relays to implement this change as well.

We already have the data, and it will increase usability and allow for more interesting explorations and visualizations by the community.