```
---------------------------------
|       DataProcessor       |
---------------------------------
| - currentMode: ModeIdentifier  |
| - currentDB: DatabaseIdentifier|
---------------------------------
| + configure(mode: ModeIdentifier, db: DatabaseIdentifier): void|
| + process(data: DataPoint): void                  |
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        /           \
       /             \
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 | DumpMode   |      | PassthroughMode |
 --------------      ------------------
 |        |          |              |
 |        |          |              |
 |        |          |              |
 |        |          |              |
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     |
     |
 -----------------
 | ValidateMode |
 -----------------
 |         |
 |         |
 |         |
 |         |
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       /   |   \
      /    |    \
 -------------------------------
 |     PostgresDatabase     |
 -------------------------------
 | - connection: PostgresConnection|
 -------------------------------
 | + connect(): void            |
 | + insert(data: DataPoint): void |
 | + validate(data: DataPoint): boolean|
 -------------------------------

      /    |    \
     /     |     \
 -----------------------------
 |      RedisDatabase      |
 -----------------------------
 | - connection: RedisConnection|
 -----------------------------
 | + connect(): void         |
 | + insert(data: DataPoint): void |
 | + validate(data: DataPoint): boolean|
 -----------------------------
```

```
        /   |   \
       /    |    \
   ----------------------------
   |    ElasticDatabase      |
   ----------------------------
   | - connection: ElasticConnection|
   ----------------------------
   | + connect(): void         |
   | + insert(data: DataPoint): void |
   | + validate(data: DataPoint): boolean|
    ----------------------------
```