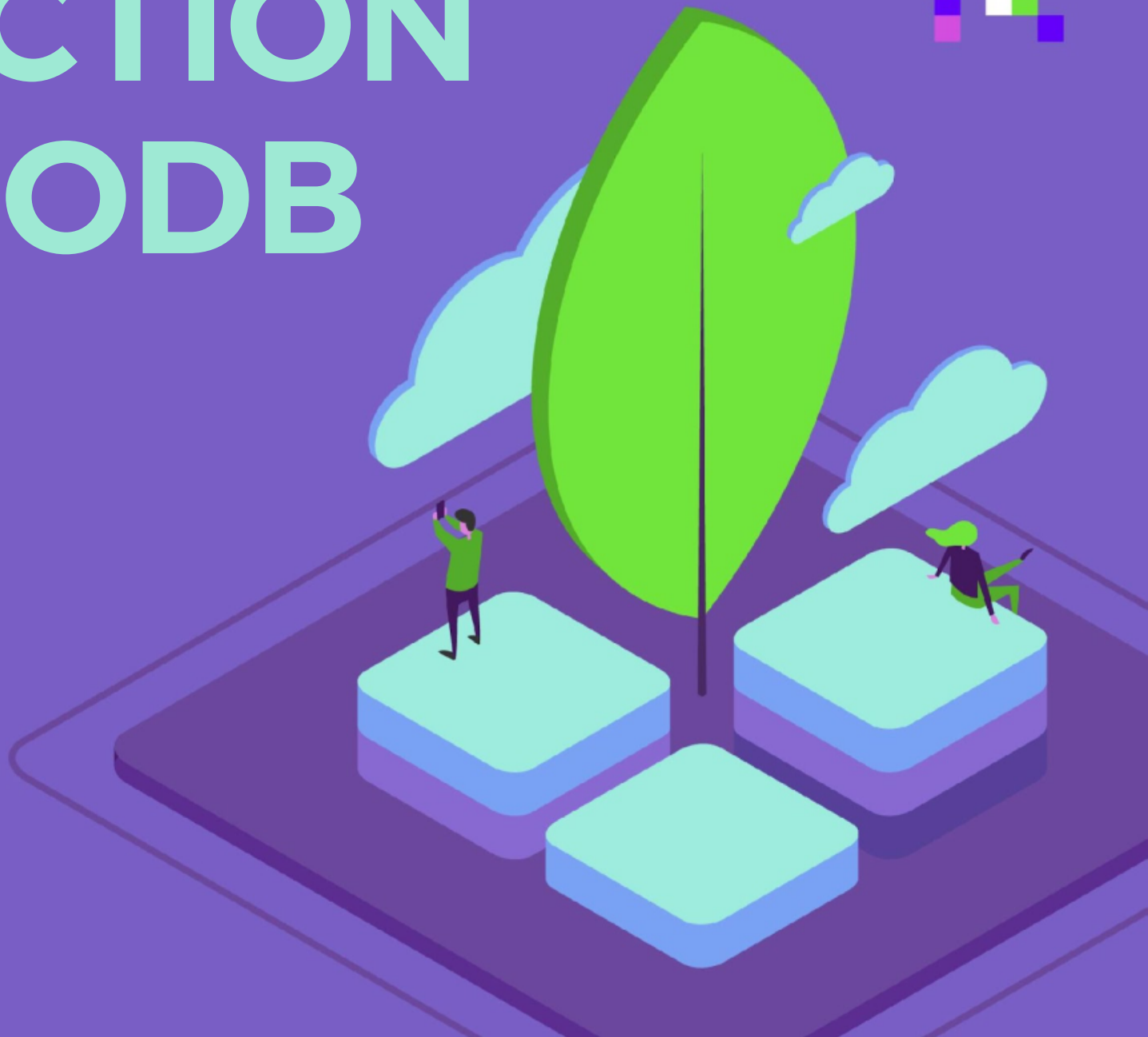
INTRODUCTION TO MONGODB



CASE STUDY #1

Analyzing Blogging Site Data

Case Study #1 | Blogging Site Data

Two Different Sections:

- Posts and Users as separate collections

- A single Users collection with posts as embedded documents

Case Study #1 | Blogging Site Data

Posts and Users as separate collections

```
_id: ObjectId("5c9fda0466d8c135806d72ad")
user_id: 8
age: 32
country: "United Kingdom"
```

```
_id: ObjectId("5c9fee8966d8c1392df10eb3")
post_id: 7
user_id: 114
body: "Lorem ipsum dolor sit amet"
topic: "gaming"
likes: 428
dislikes: 130
views: 801
date_created: 2018-10-06T01:59:40.000+00:00
```

Case Study #1 | Blogging Site Data

Posts and Users as separate collections

- Post-focused analysis
- Exploration
- Success Metrics:
  - Likes
  - Dislikes
  - Views
- Correlations:
  - date_created and success metrics
  - topic and success metrics

```
_id: ObjectId("5c9fee8966d8c1392df10eb3")
topic: "gaming"
likes: 428
dislikes: 130
views: 801
date_created: 2018-10-06T01:59:40.000+00:00
```

Case Study #1 | Blogging Site Data

Users collection with posts as embedded documents

```
_id: ObjectId("5ca14b3866d8c14a512ee117")
user_id: 1
age: 27
country: "United Kingdom"
date_created: 2018-10-23T10:00:25.000+00:00
▾ posts: Array
  ▾ 0: Object
      body: "pretium a nulla eu"
      topic: "gaming"
      likes: 156
      dislikes: 441
      views: 727
      date_created: 2018-11-27T09:54:36.000+00:00
  › 1: Object
```

Case Study #1 | Blogging Site Data

Users collection with posts as embedded documents

- User-focused analysis
- Exploration
- Success Metric:
  - # of likes that a user received on at least one post
- Correlations
  - date_created for user and number of likes
  - age and number of likes