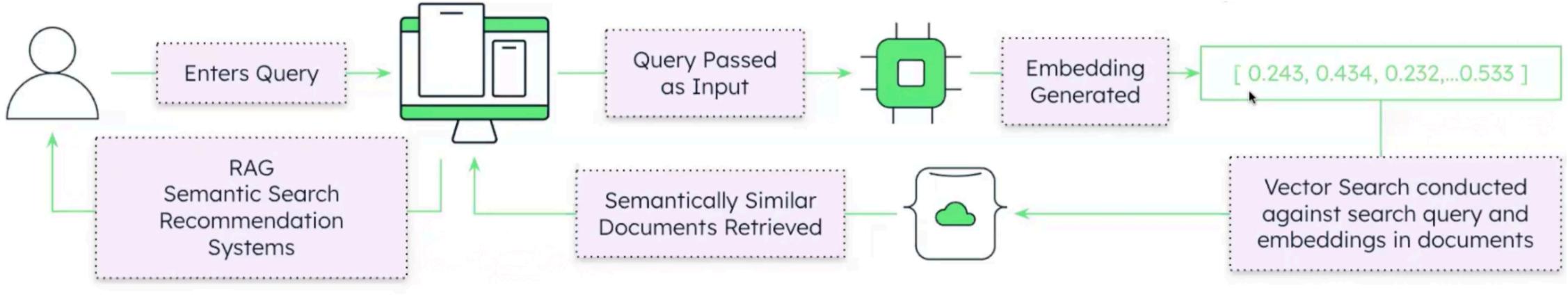


MongoDb Vector search



"Teach me about artificial intelligence"

[{ "title": "Advanced Artificial Intelligence: Concepts and Applications", "author": "Sarah Johnson", "year": 2022, "score": 9.8 }, { "title": "Machine Learning and Al in Business", "author": "Michael Chen", "year": 2019, "score": 8.5 }, { "title": "The Future of Intelligence: Artificial and Beyond", "author": "Emily Rodriguez", "year": 2021, "score": 7.9 }, { "title": "Al in Healthcare: Revolutionizing Patient Care", "author": "Dr. Robert Williams", "year": 2020, "score": 7.2 }]

Only in Atlas (soon on premise)

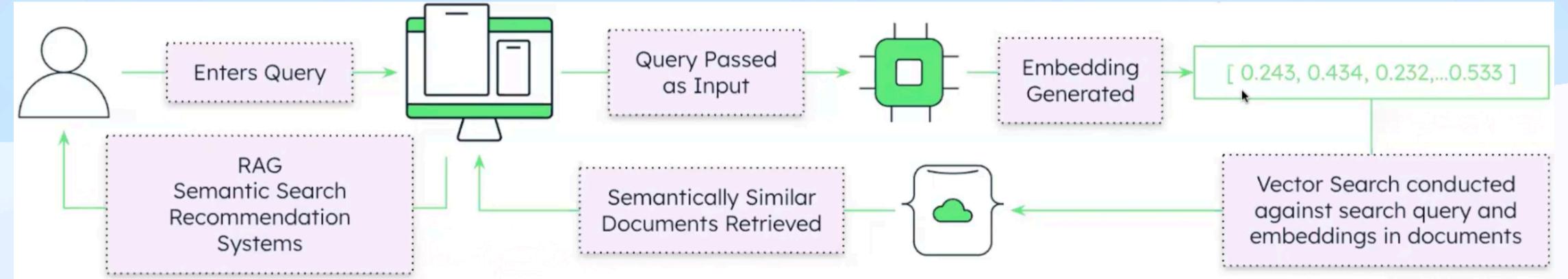
```
db.documents.aggregate([
$vectorSearch: {
  index: "vector_index",
                                      // The name of your Atlas Vector Search index
                                       // Field containing vector embeddings
  path: "embedding",
  queryVector: [0.11, 0.42, -0.35, ...], // The embedding of your query text
                                       // Number of candidates to consider before ra
  numCandidates: 100,
  limit: 5
                                       // Top results to return
$project: {
  _id: 1,
  content: 1,
  score: { $meta: "vectorSearchScore" } // Include similarity score in output
```

MongoDb Vector search

Only in Atlas (soon on premise)

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Hybrid search

Combining search and vector search