Semantix

Elastic Essential I

Aula 1

Quem sou eu?

Eu sou Rodrigo Augusto Rebouças.

Engenheiro de dados da Semantix
Instrutor do Semantix Academy

Você pode me encontrar em:
rodrigo.augusto@semantix.com.br

Kibana

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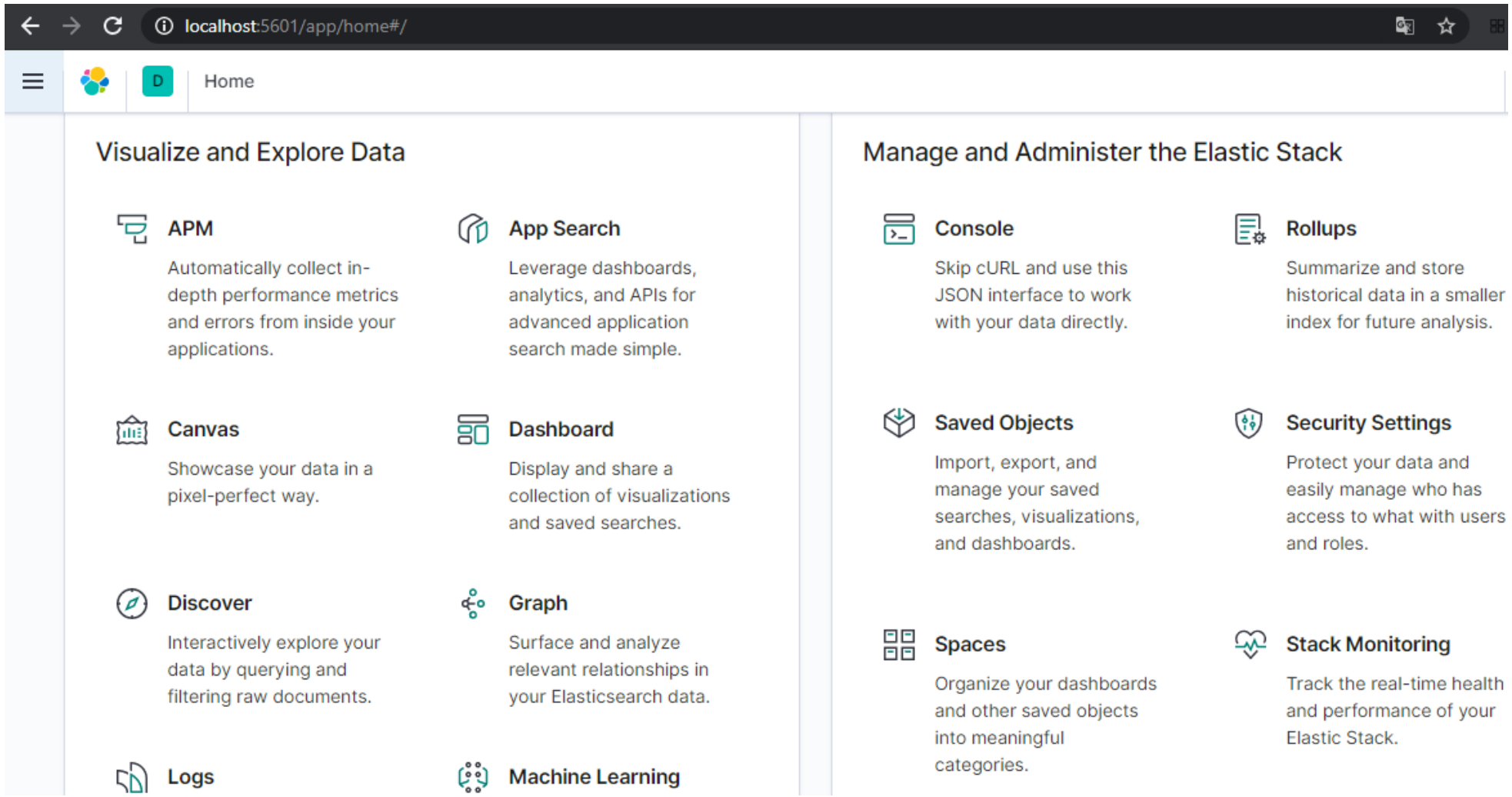
Interface Kibana



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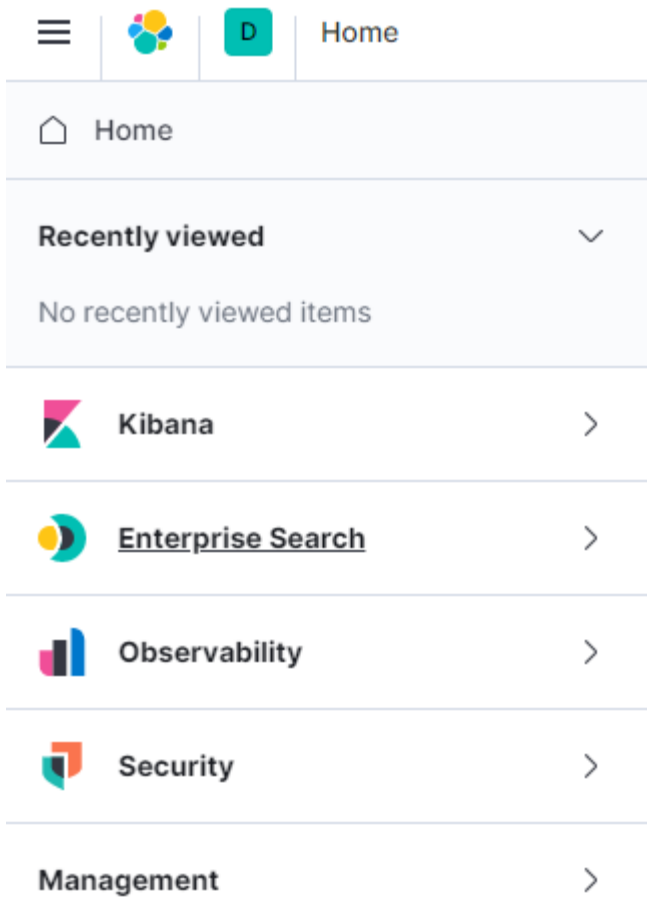
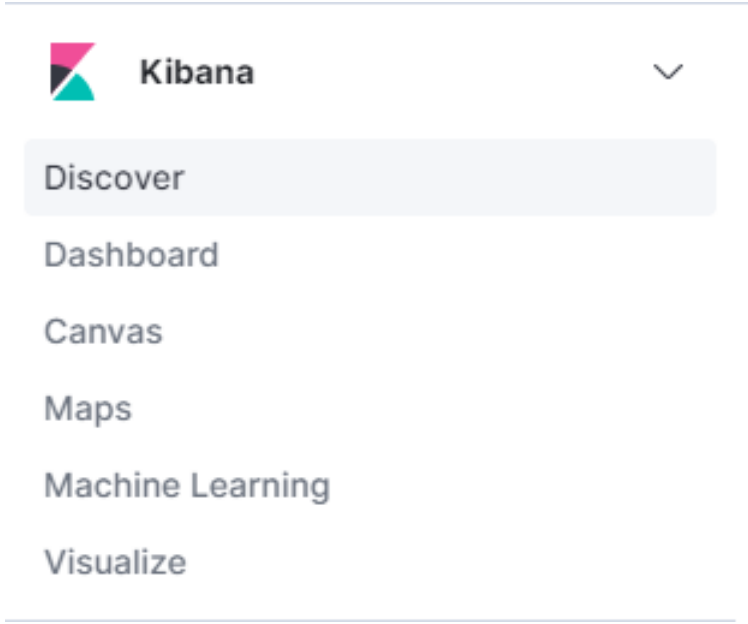
Menu Kibana





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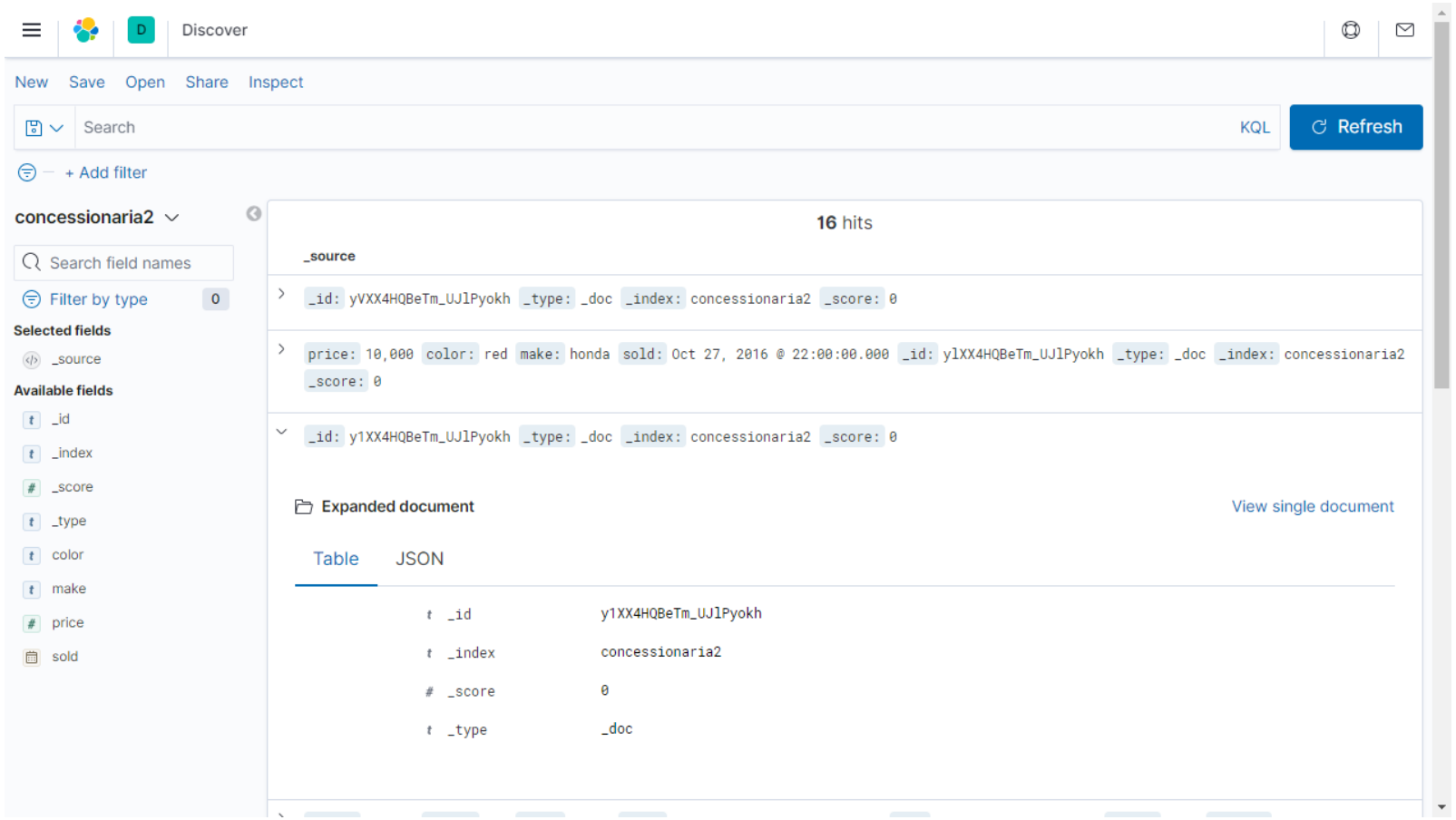
Guia Discover

- Acessar, pesquisar e filtrar dados do índice selecionado
- Detalhes de campos da pesquisa
- Salvar pesquisas para usar no discover, visualizações e dashboards



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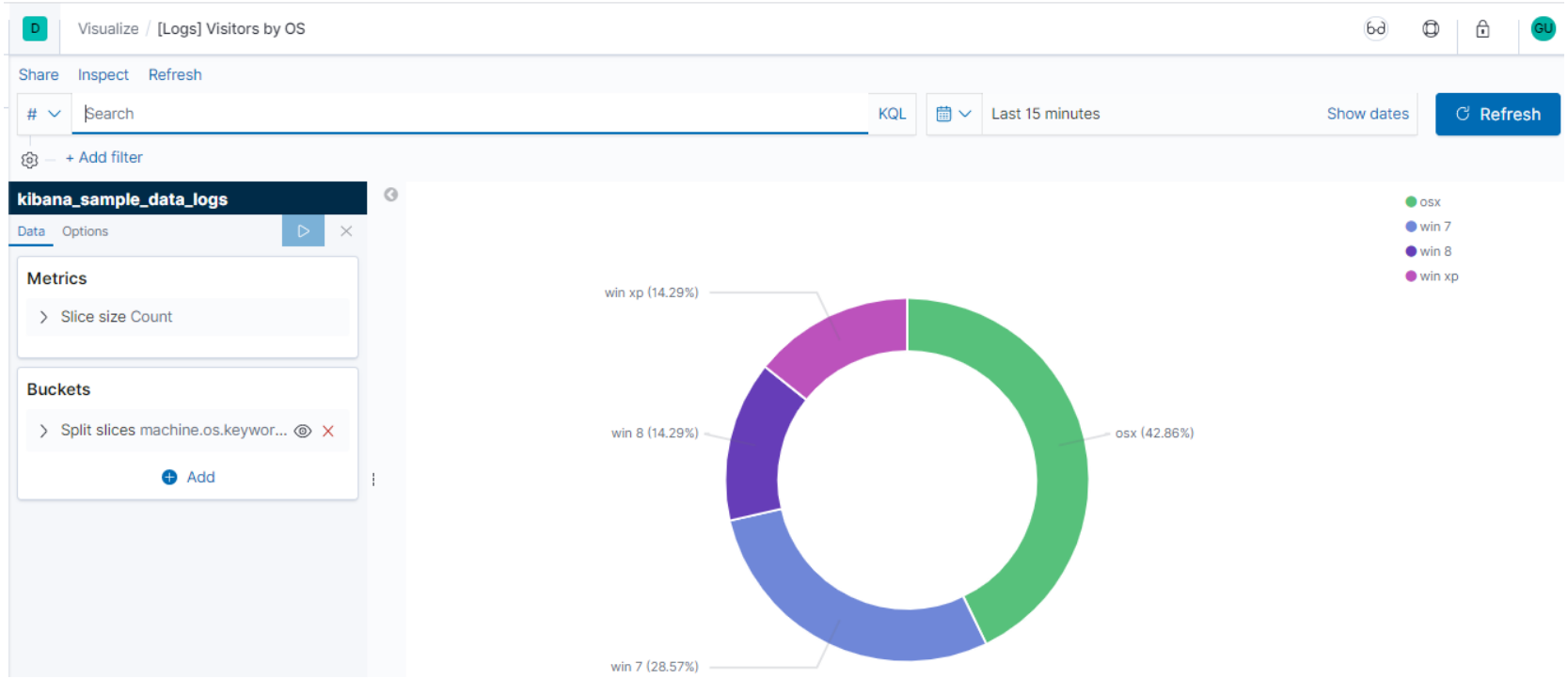
Guia Visualize

- Criar, editar e salvar visualizações dos dados
  - Consultas
  - Filtros
  - Agregações



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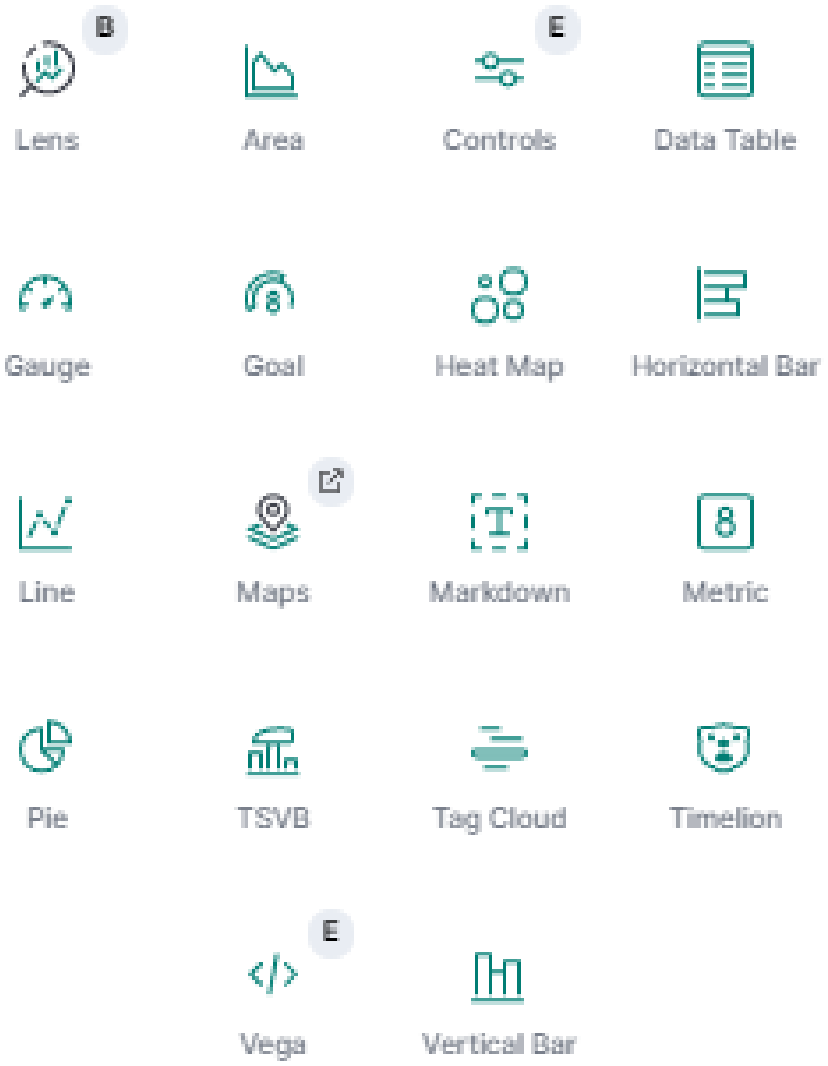
Guia Visualize

- Tipos de Visualizações



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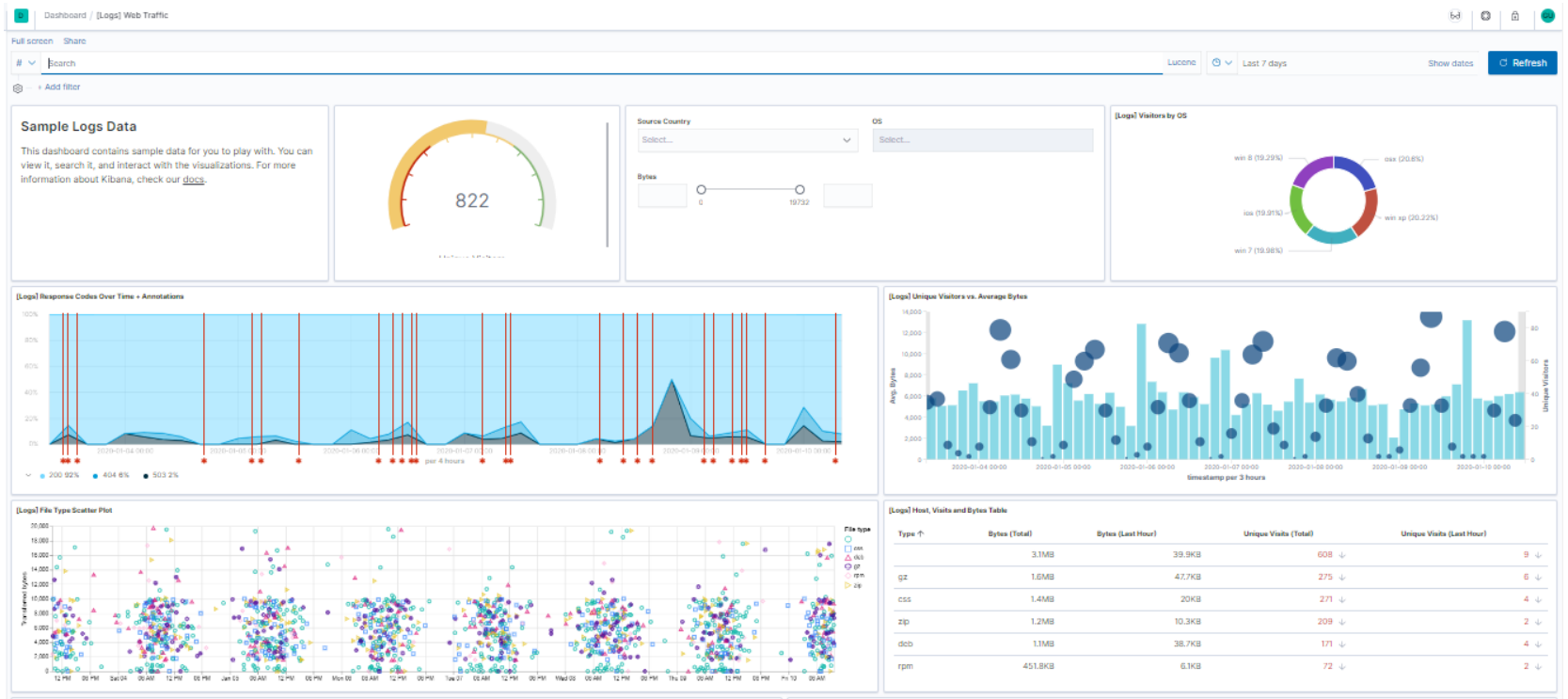
Guia Dashboard

- Combinar várias visualizações de dados em um único lugar



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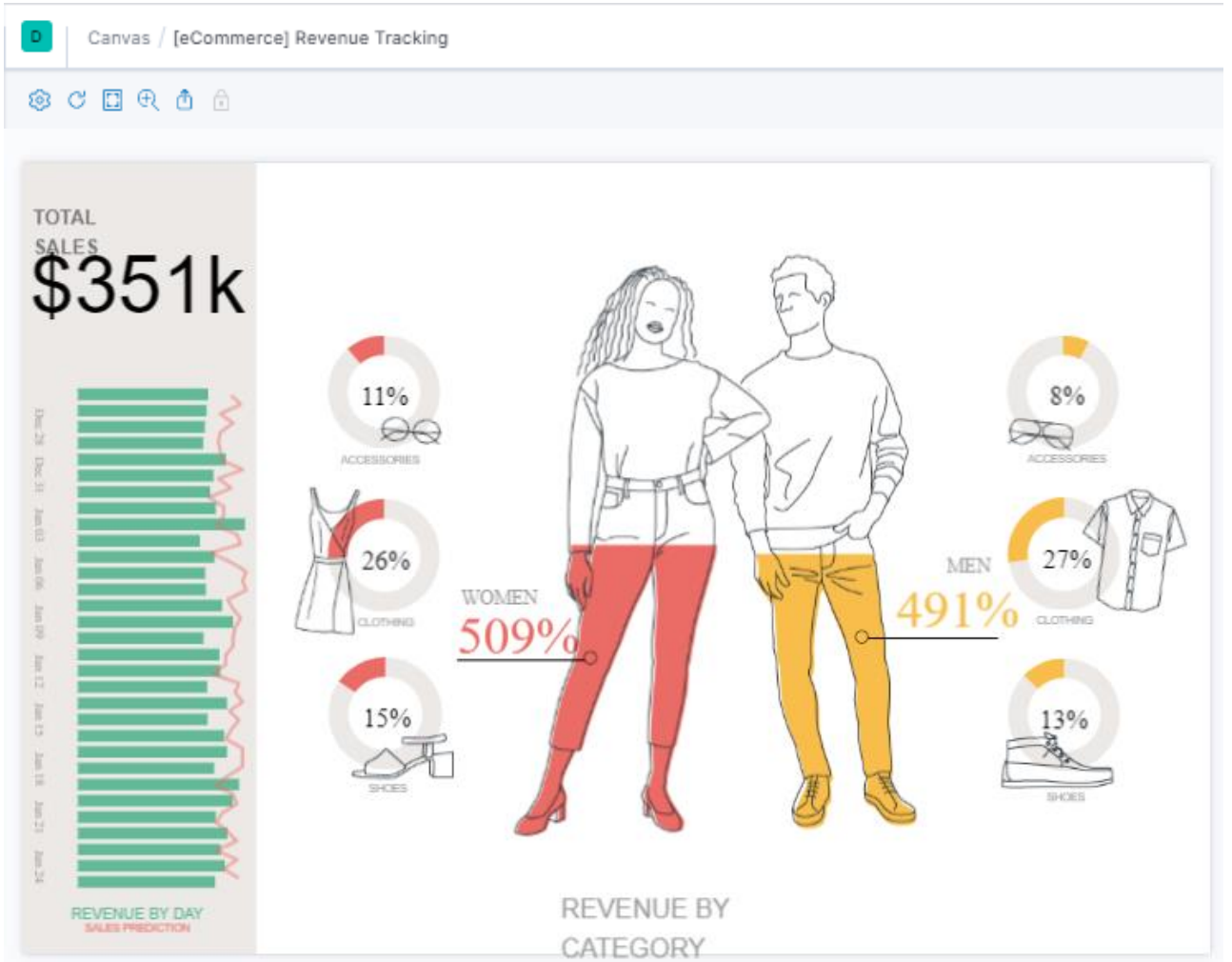
Guia Canvas

- Visualização e apresentação de dados
  - Páginas
  - Combinação
    - Cores
    - Imagens
    - Texto



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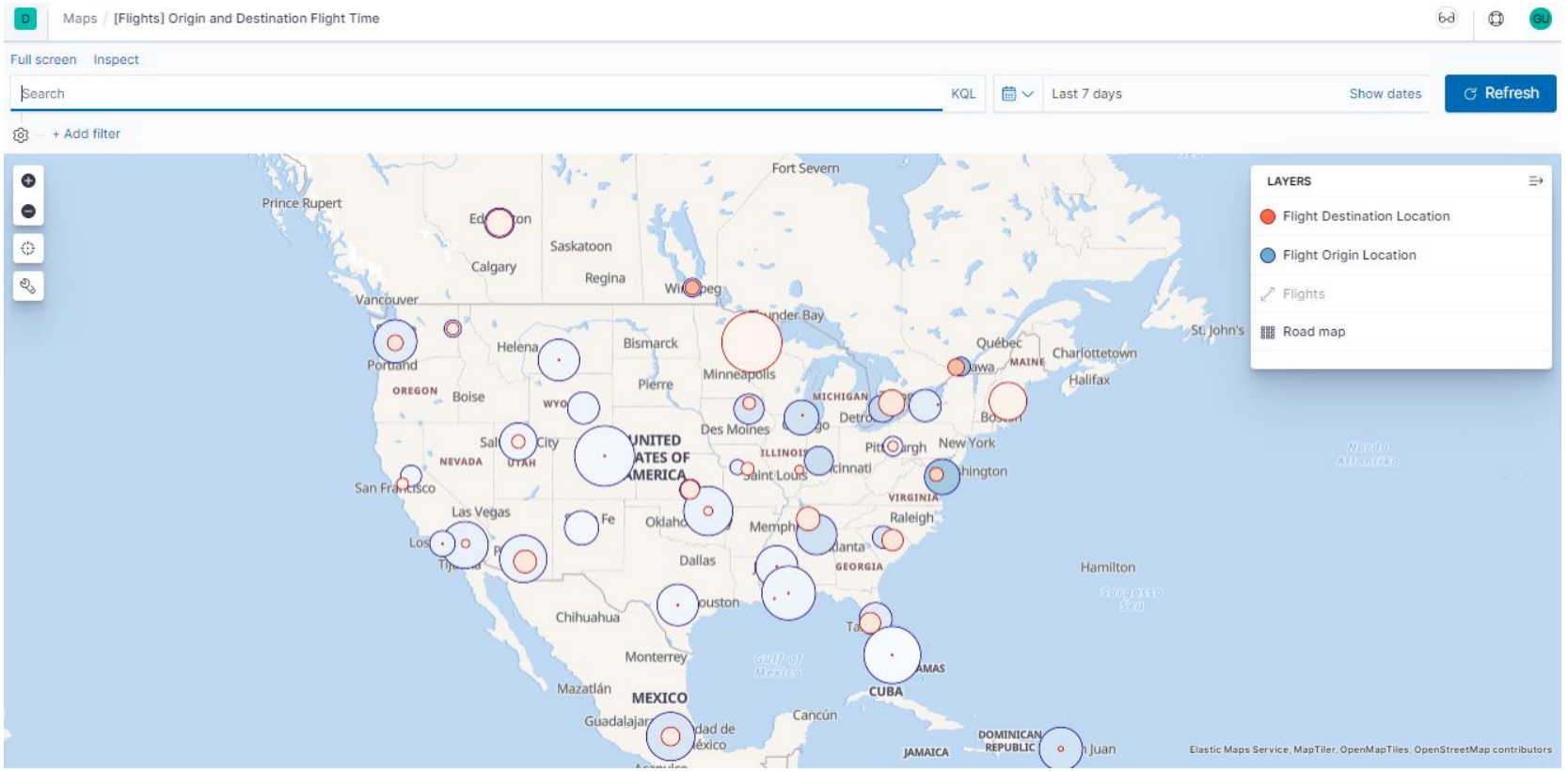
Guia Maps

- Analisar dados geográfico em tempo real
  - Mapas com várias camadas e índices
  - Carregar arquivos GeoJSON



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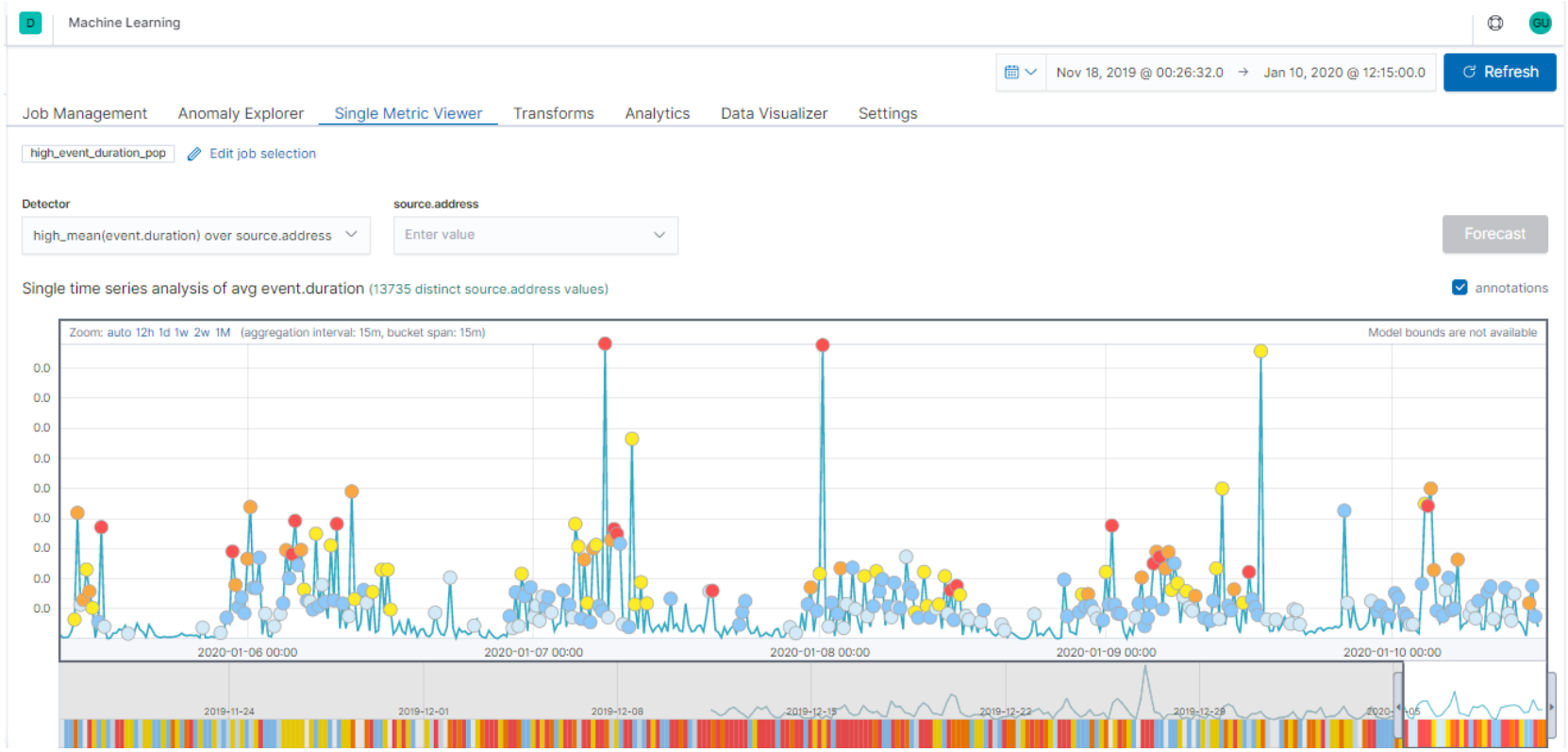
Guia Machine Learning

- Gerenciamento de Jobs
  - Detector de anomalias
- Carregamento de dados



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Enterprise Search

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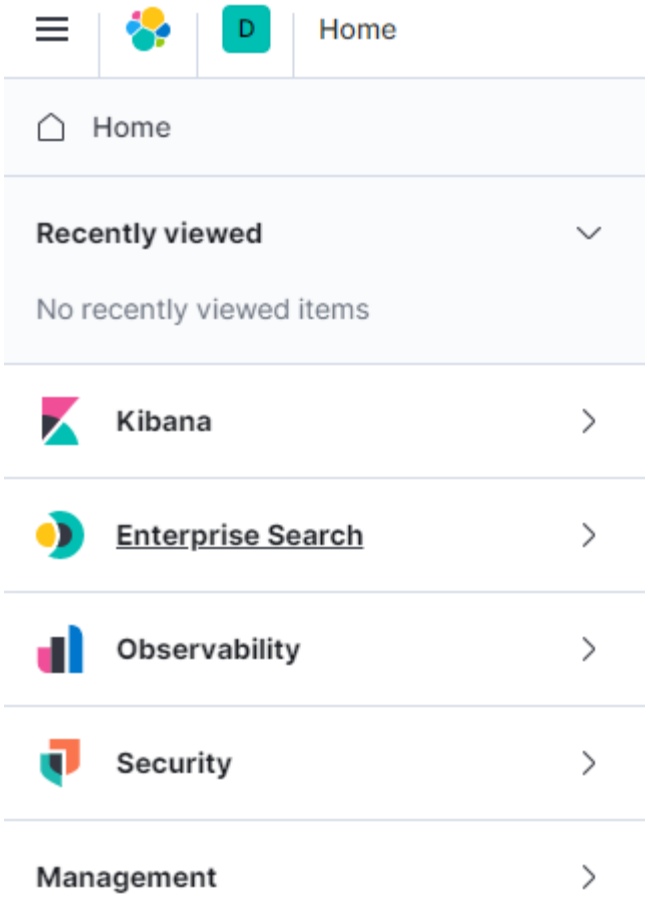
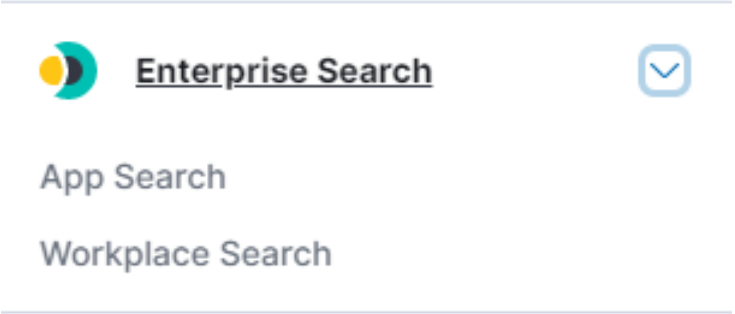
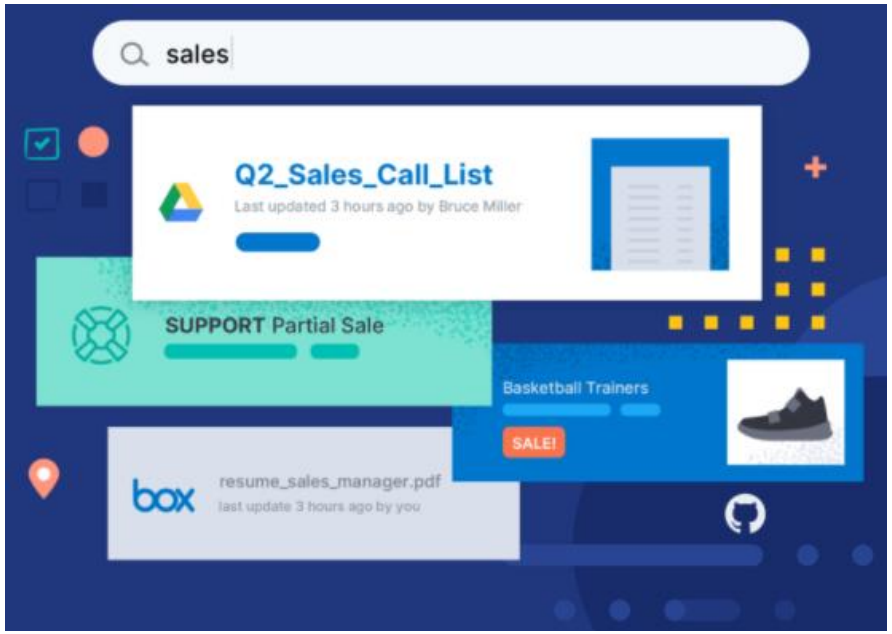
Menu Enterprise Search







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Guias App Search

- Enterprise Search
  - https://www.elastic.co/guide/en/enterprise-search/7.9/index.html
- Pacotes
  - App Search
    - Fornecer ferramentas para projetar e implantar uma pesquisa poderosa em seus sites e aplicativos móveis
    - https://www.elastic.co/guide/en/app-search/current/index.html
  - Workplace Search
    - Unificar suas plataformas de conteúdo (Google Drive, Salesforce) em uma experiência de pesquisa personalizada
    - https://www.elastic.co/guide/en/workplace-search/current/index.html

Observability

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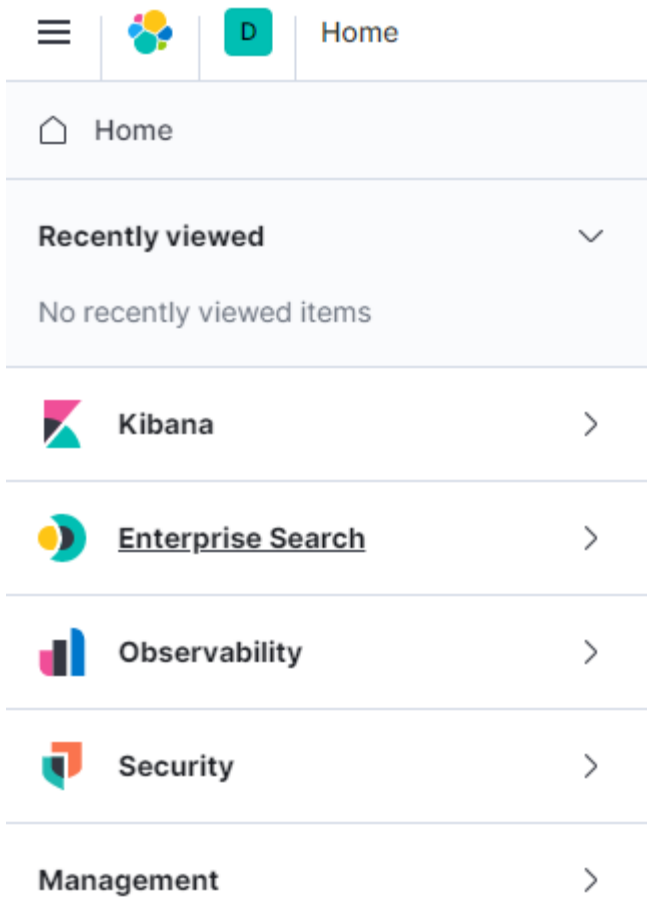
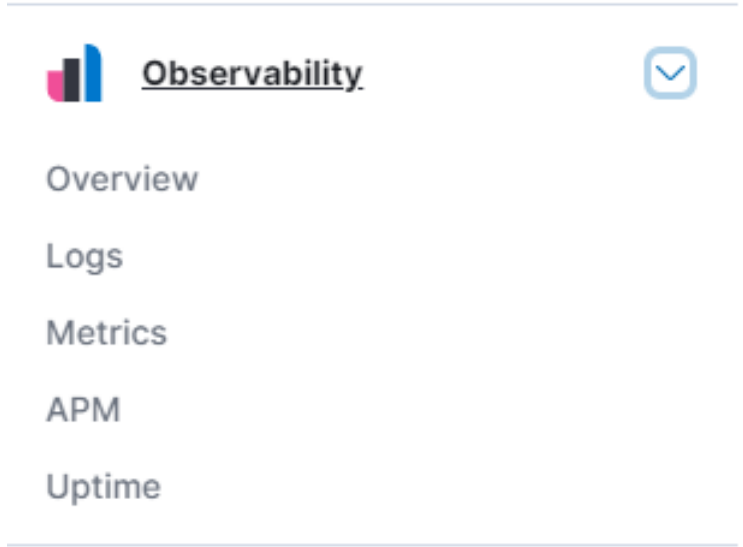
Menu Observability





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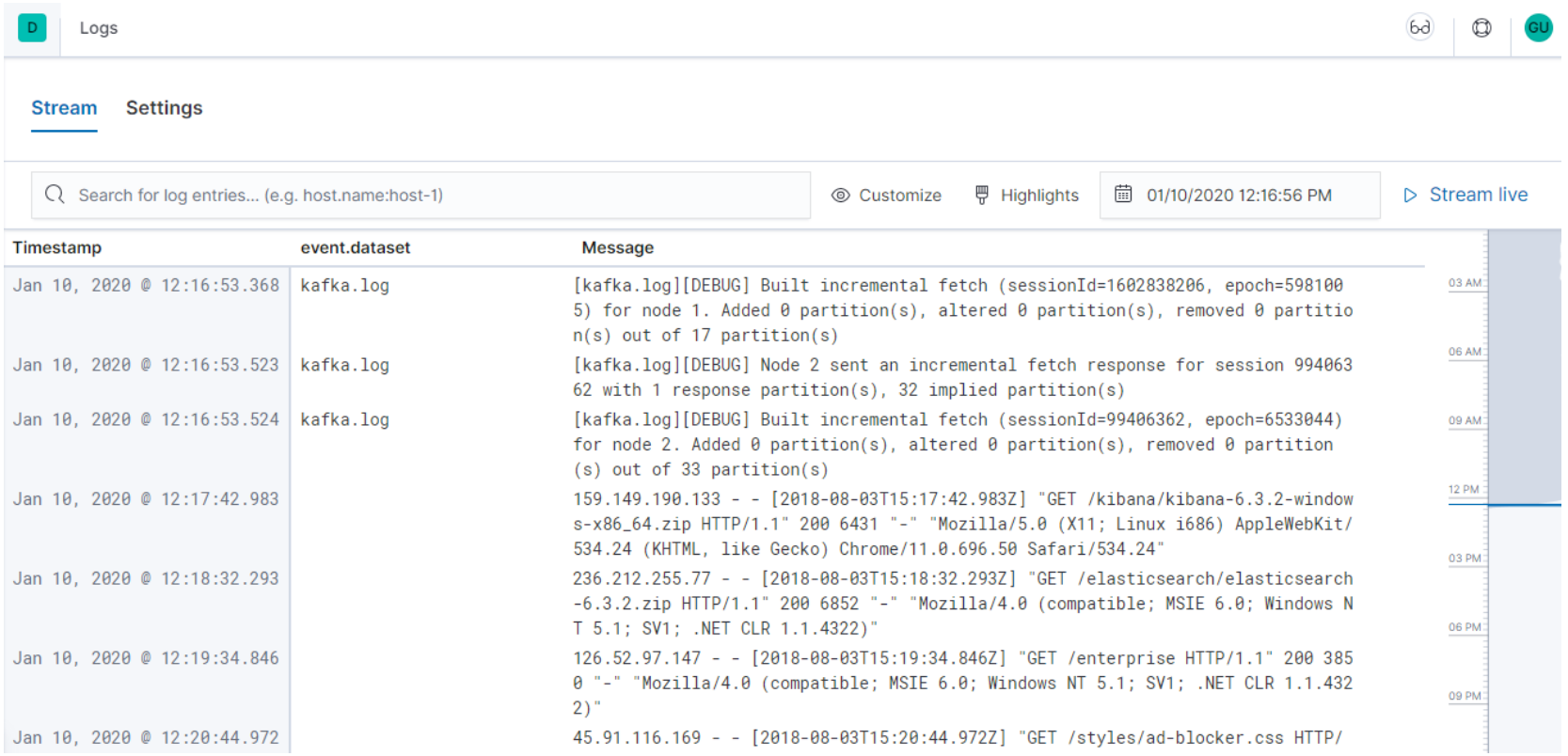
Guia Logs

- Logs em tempo real
  - Filebeat
  - Visualizar campos dos logs
  - Visualizar no Uptime



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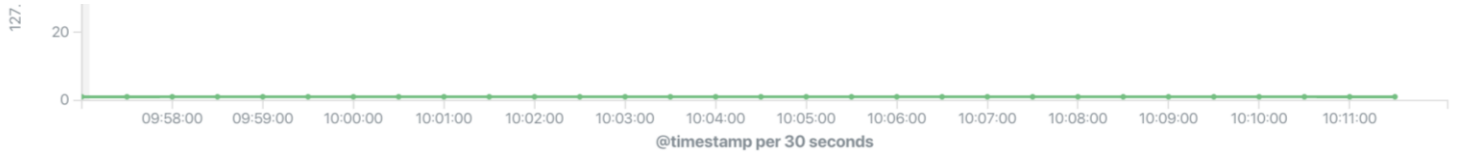
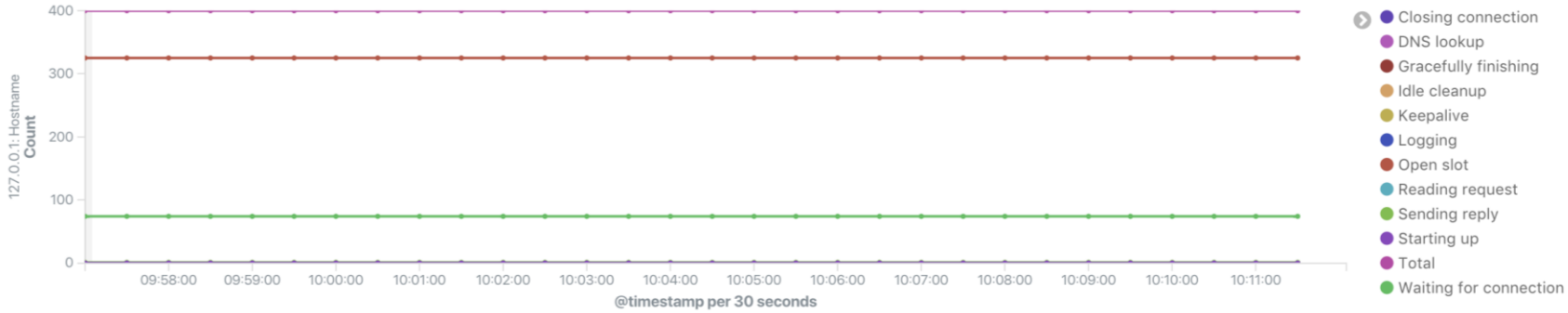
Guia Metrics

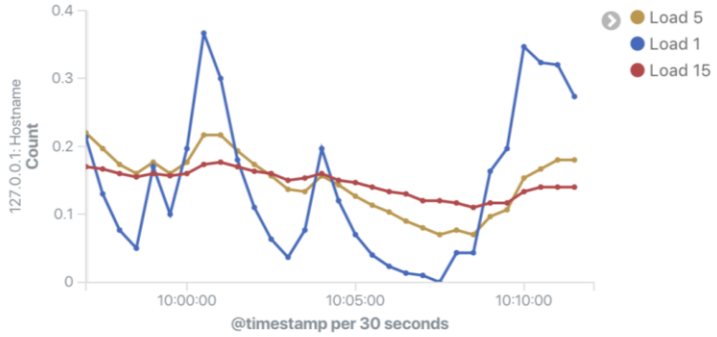
- Metricas em tempo real
  - Metricbeat



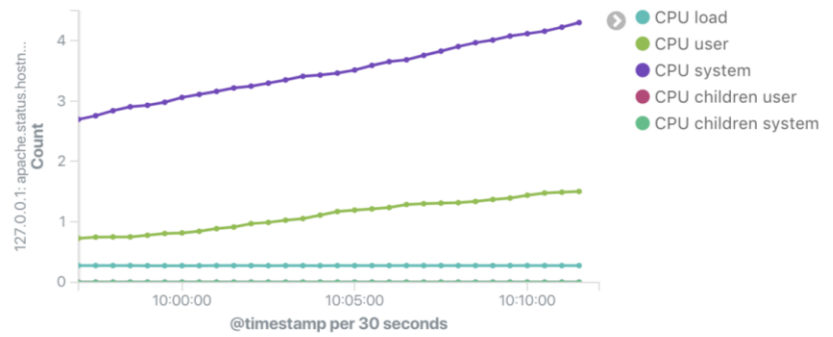
Scoreboard [Metricbeat Apache]



Load1/5/15 [Metricbeat Apache]



CPU usage [Metricbeat Apache]



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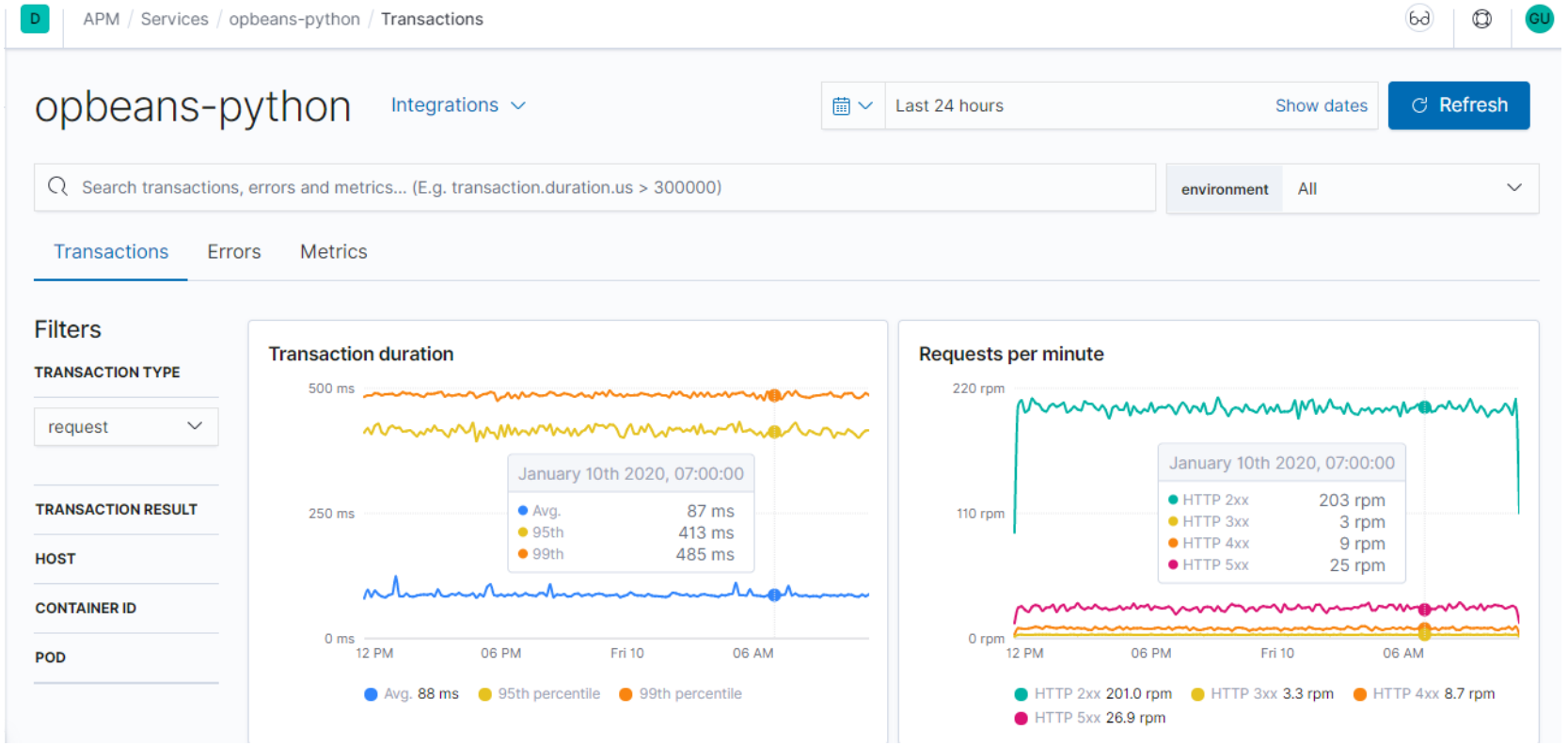
Guia APM

- Application Performance Monitoring
- Permite monitorar o desempenho de milhares de aplicativos em tempo real



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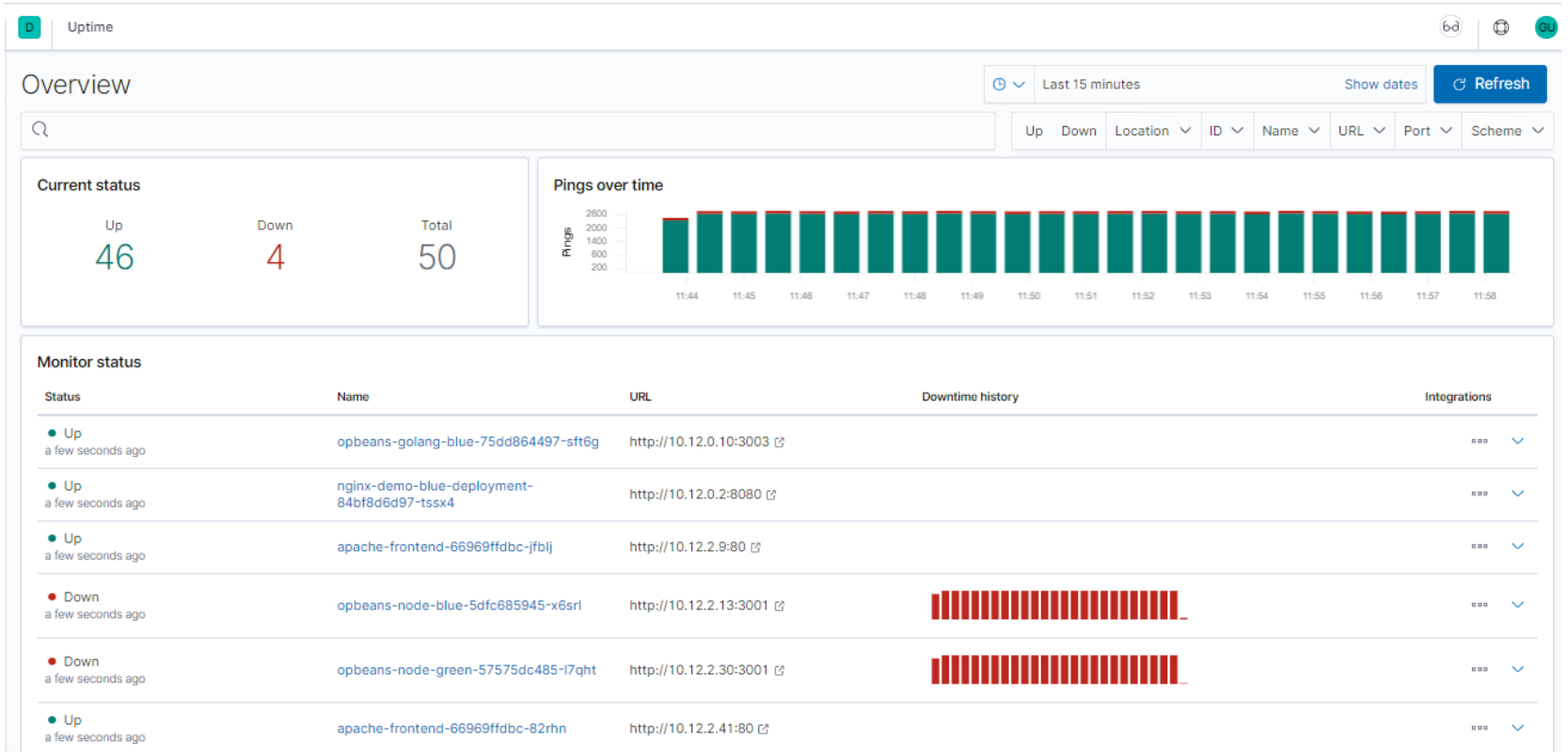
Guia Uptime

- Monitoramento em tempo real
  - Heartbeat



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Security

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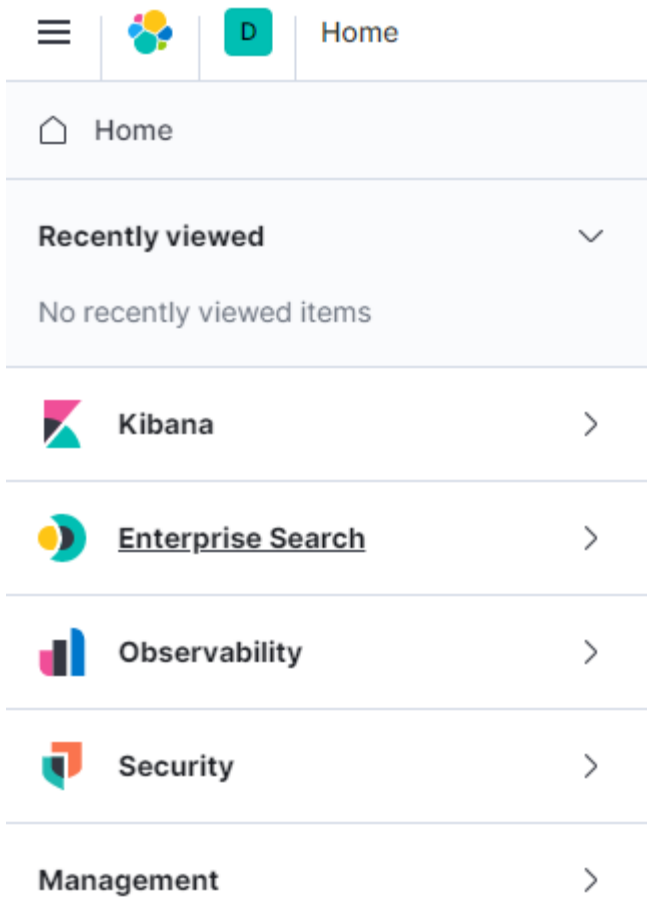
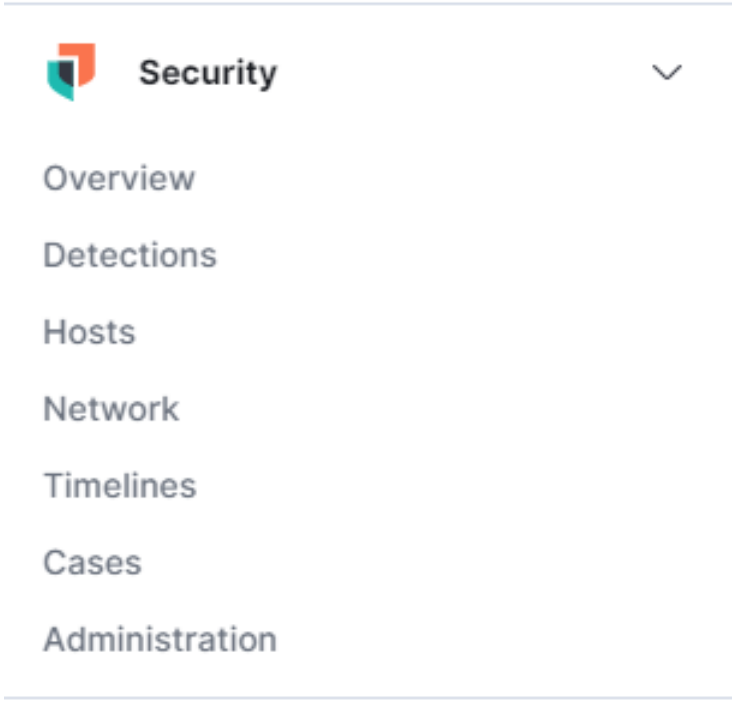
Menu Security





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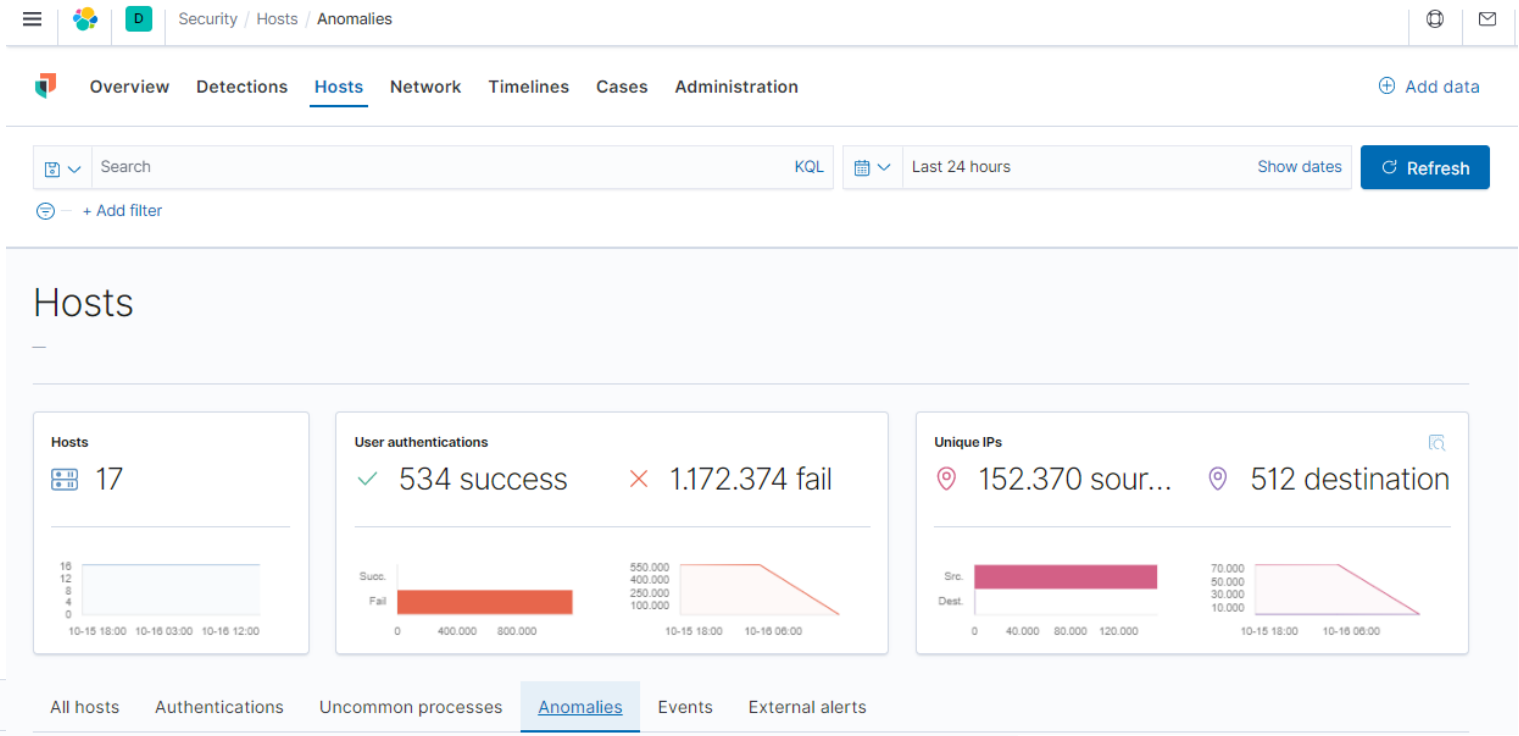
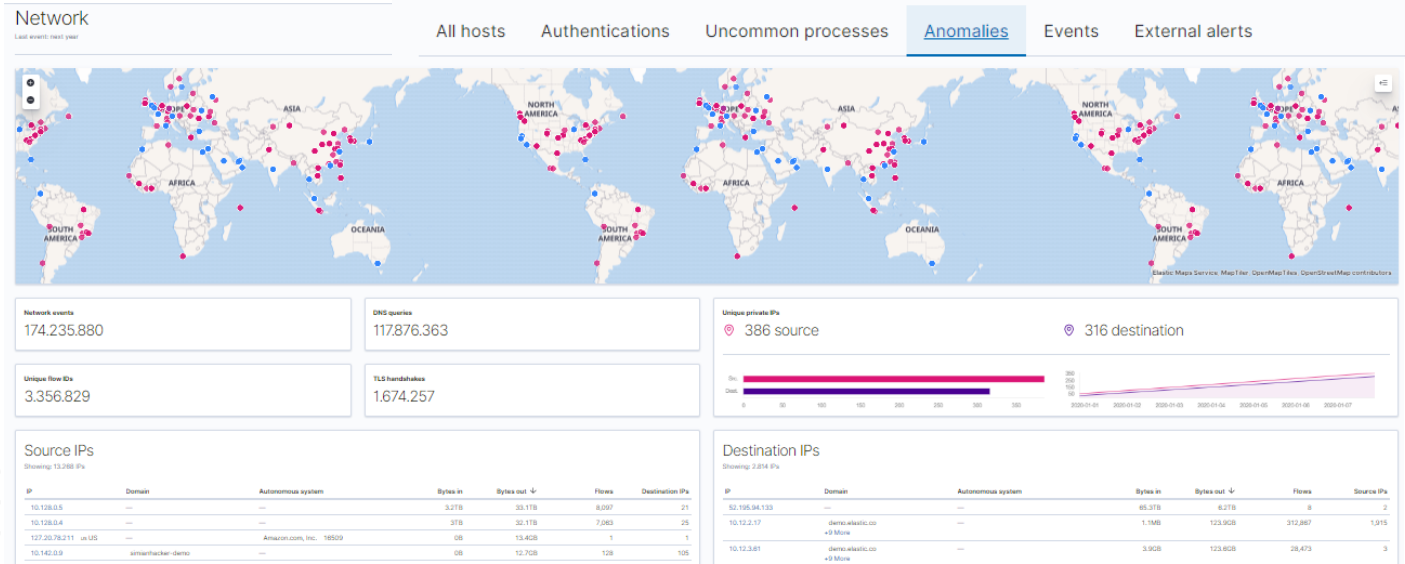
Guia Overview - Security

- SIEM
  - Security Information & Event Management
- Análise de eventos de segurança relacionados ao host e a rede
  - Investigações de alertas
  - Procura de ameaças





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Management

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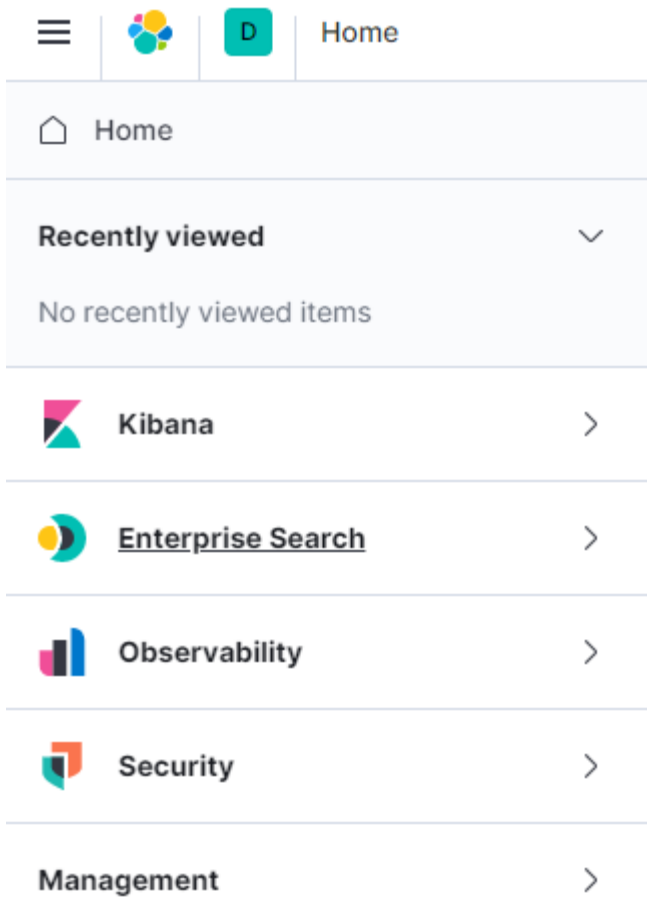
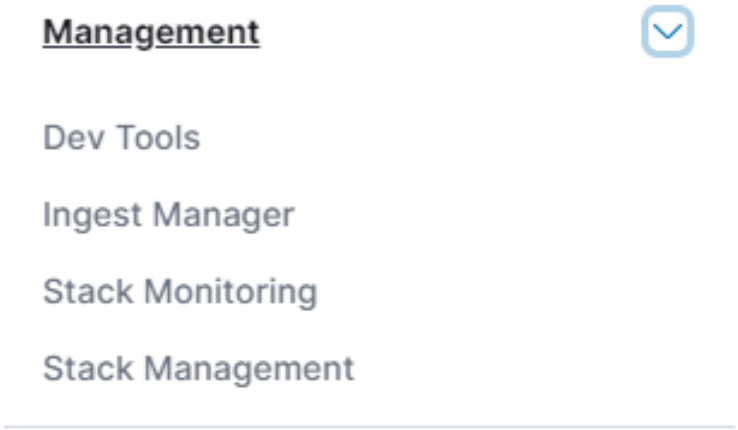
Menu Management





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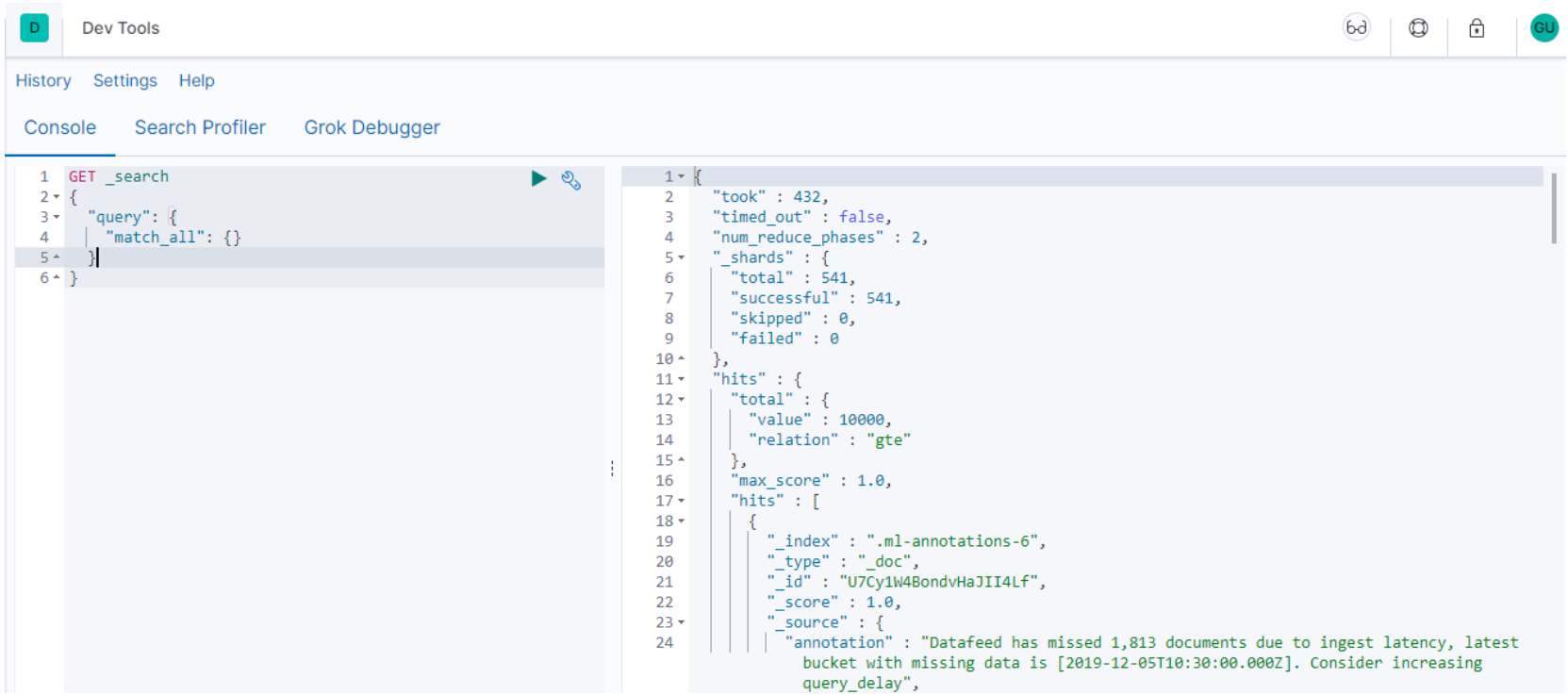
Guia Dev Tools

- Digitar request e enviá-las ao Elasticsearch



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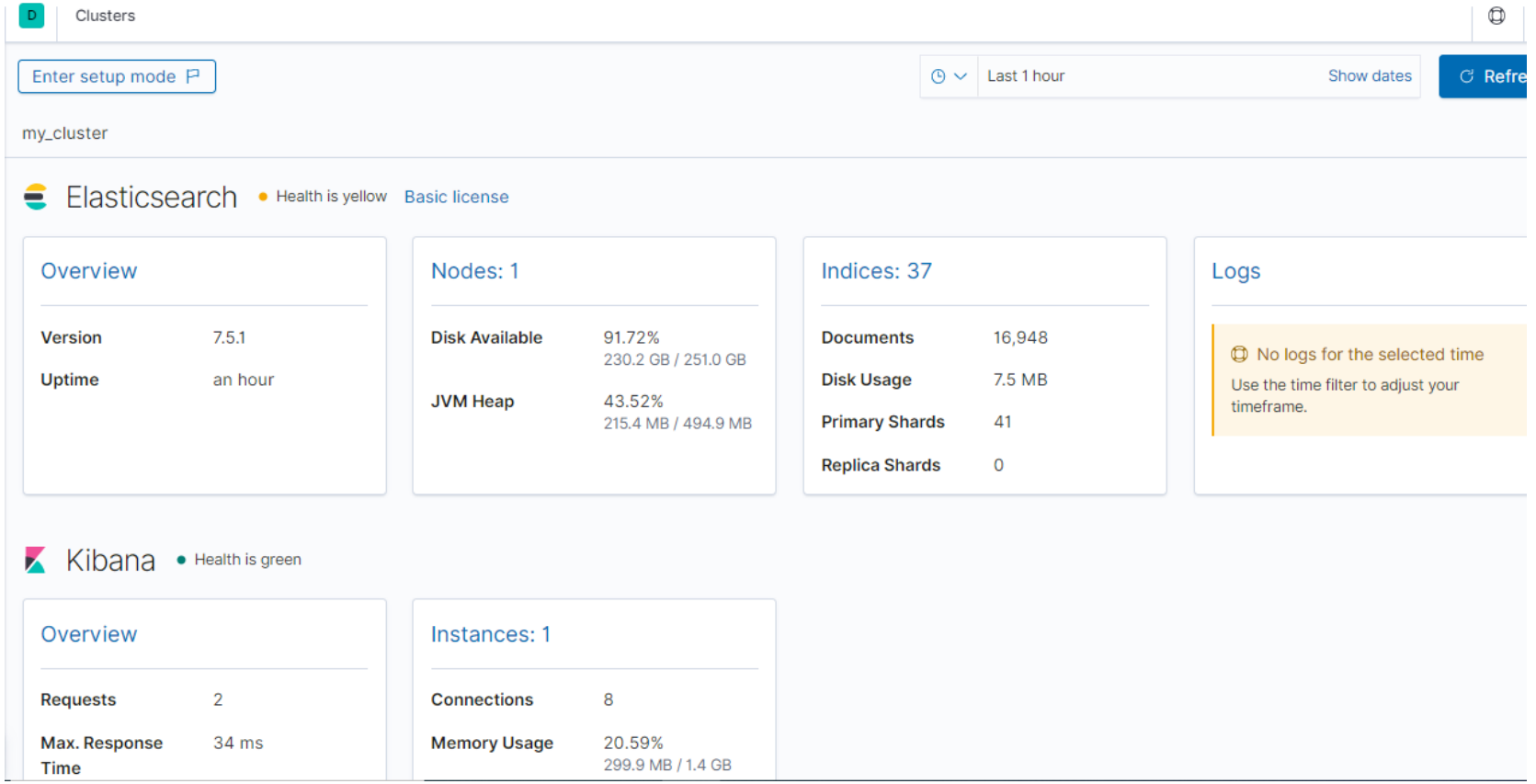
Guia Stack Monitoring

- Monitorar
  - Armazenamento
    - Disco
    - Memória
    - Heap
  - Saúde
    - Shards Primários
    - Shards Réplicas



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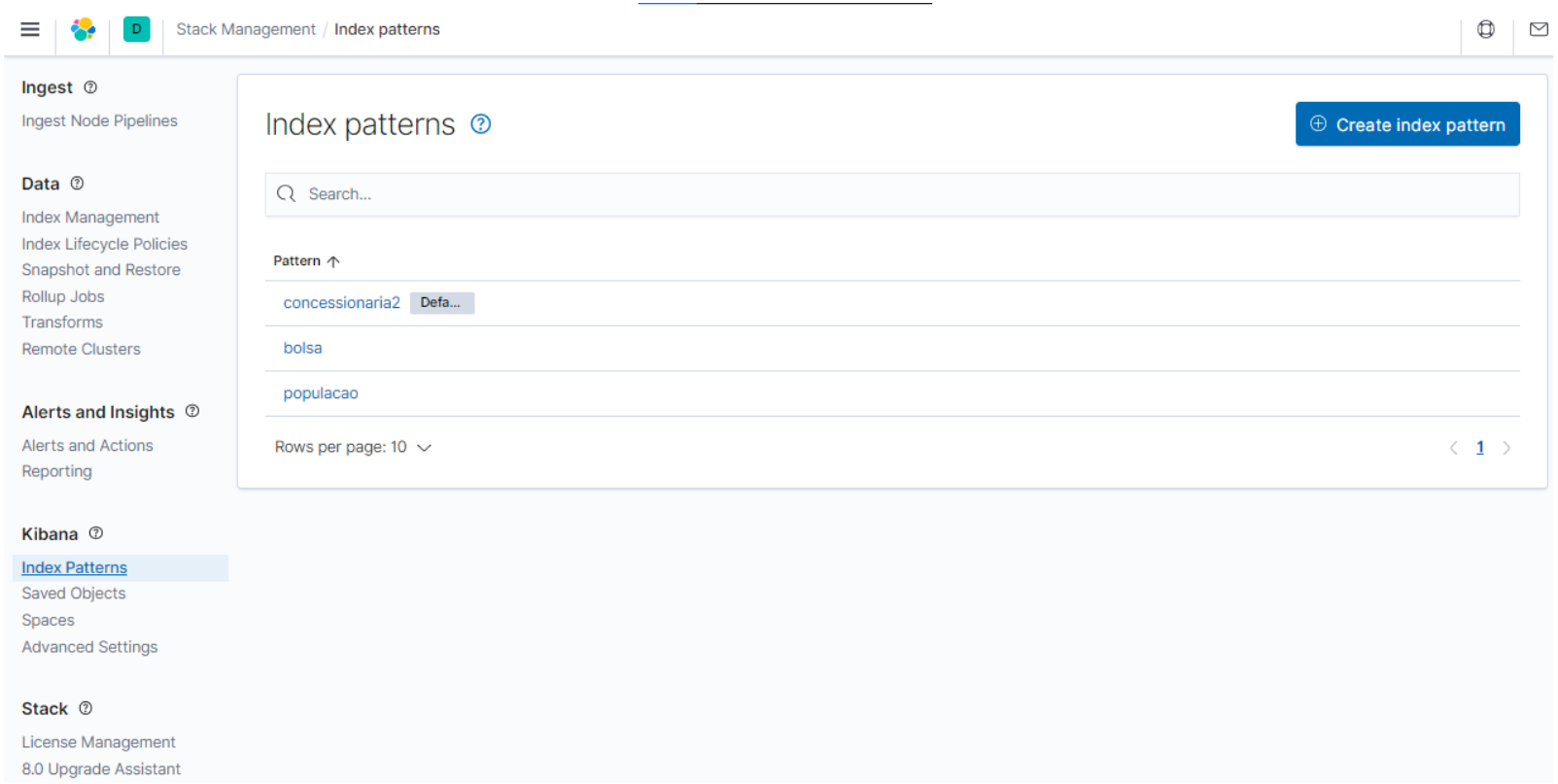
Guia Management

- Gestão dos índices
  - Saúde
  - Configurações
  - Ciclo de vida
  - Backup
- Index para Visualizações
  - Index pattern
- Configurações do kibana
- Segurança e regras de usuário



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Bônus

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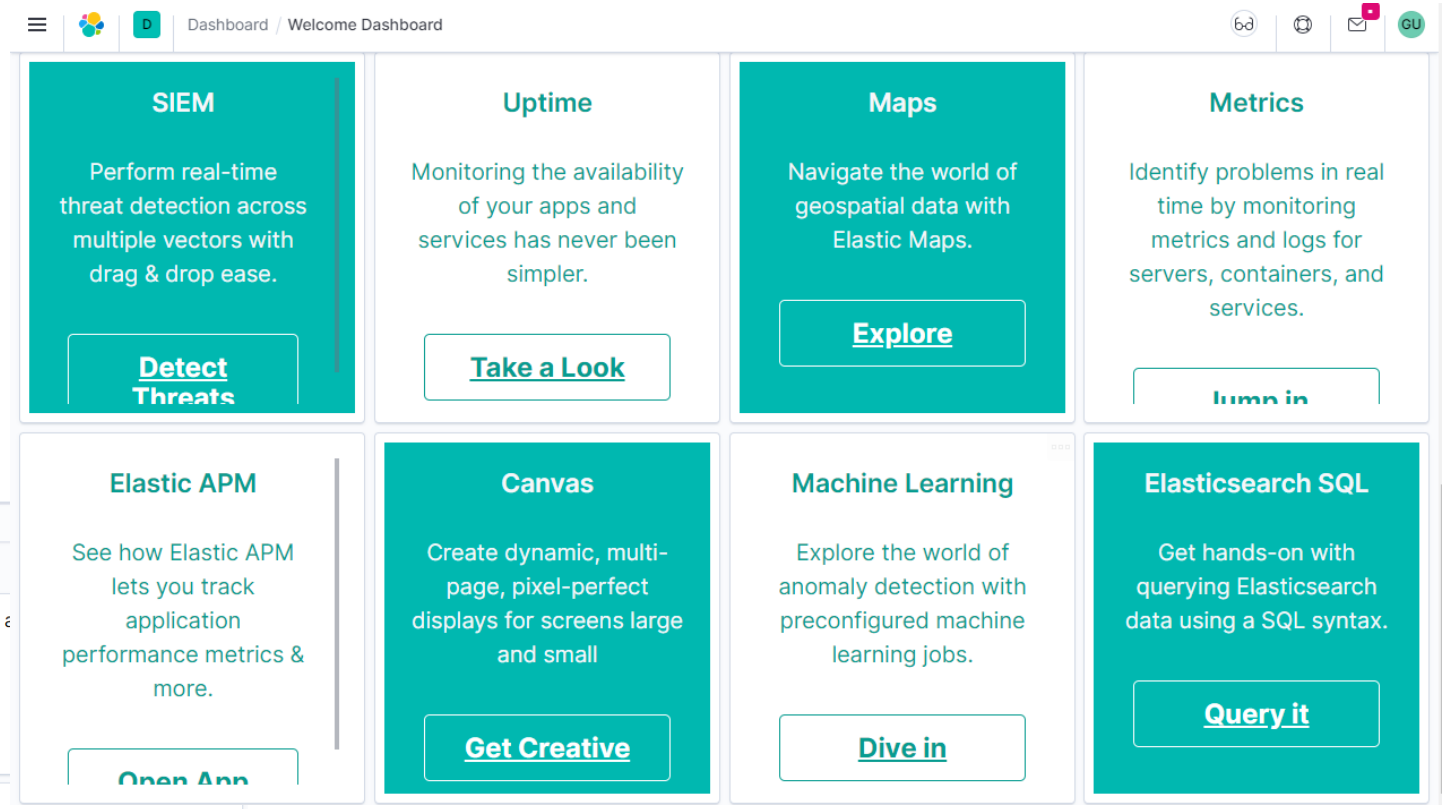
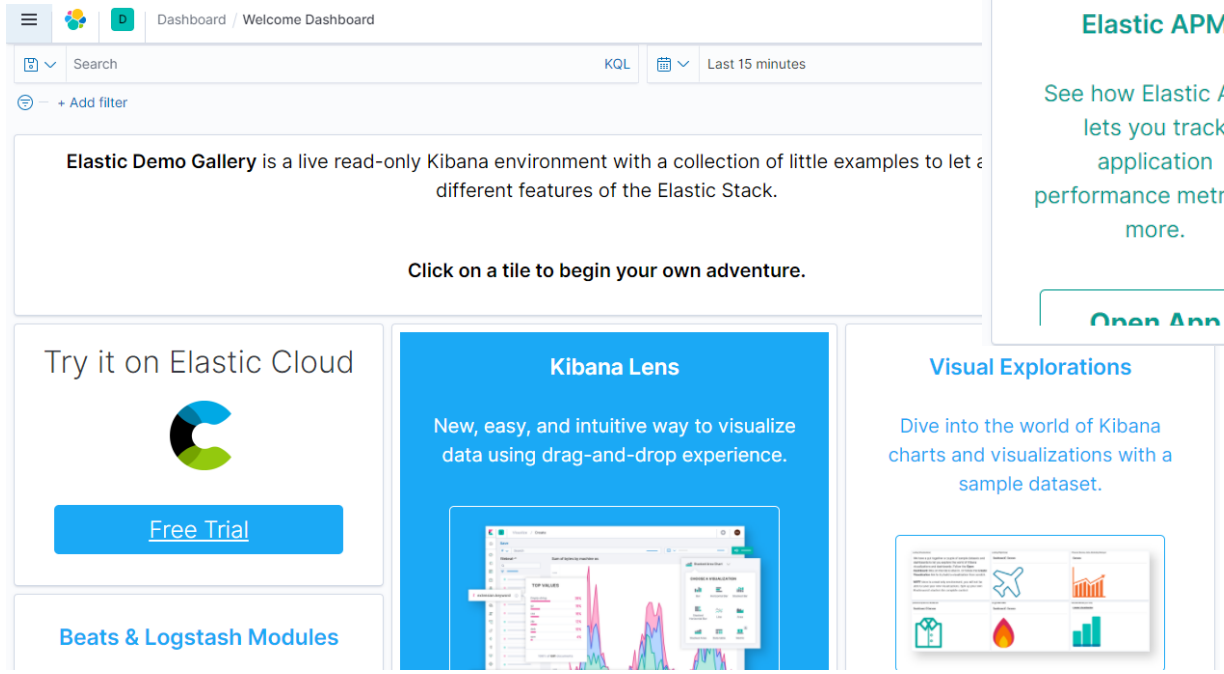
Treinar Features do Elastic

- https://demo.elastic.co/





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Obrigado!

Alguma pergunta?

Você pode me encontrar em:

rodrigo.augusto@semantix.com.br

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