

Query Processing and Optimization



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Tópicos Avançados Base de
Dados(TABDD)

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Oracle

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MongoDB

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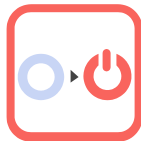
06



Conceitos Teóricos

O que é uma Query?

Venus has a beautiful name, but it's hot



Query Optimization

Mercury is the closest planet to the Sun



Query Processing

Neptune is the farthest planet from the Sun



Conceitos Teóricos

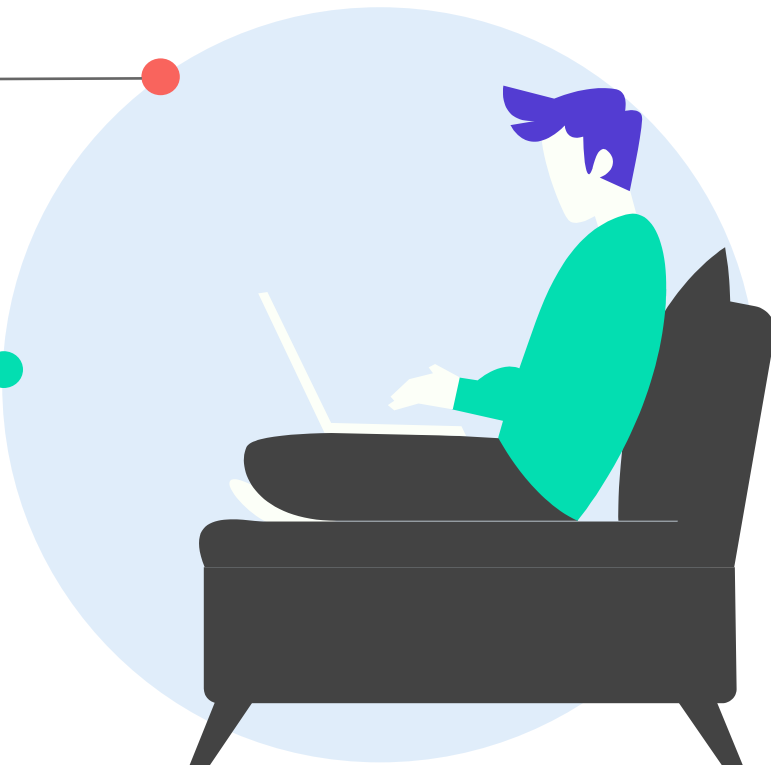
SQL

Venus has a beautiful name, but it's hot



NoSQL

Mercury is the closest planet to the Sun



Oracle



01



Query Optimizer

Neptune is the farthest planet from the Sun

02



Adaptive Plans

Pluto is now considered a dwarf planet

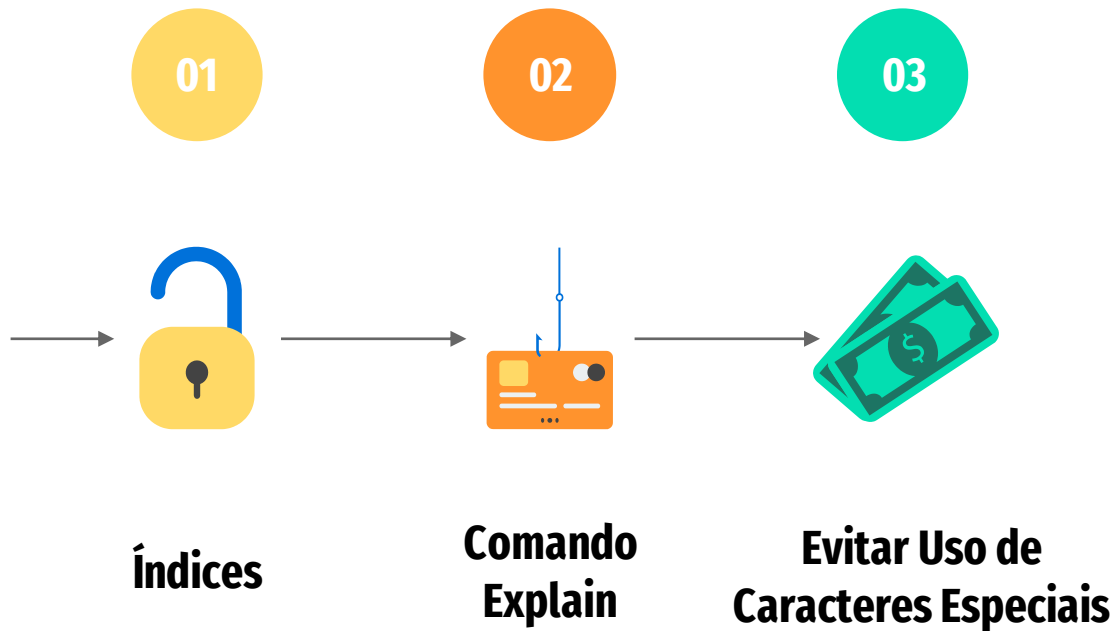
03



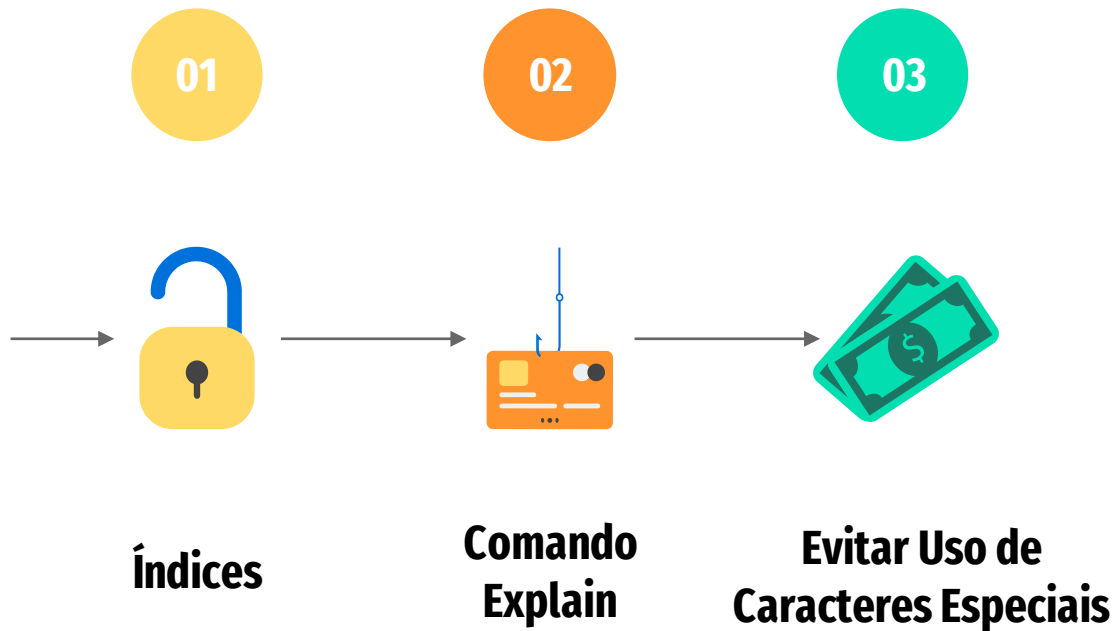
Adaptive Statistics

Ceres is located in the main asteroid belt

Oracle – Técnicas de Otimização



Oracle – Técnicas de Otimização



MongoDB



01



O que é?
Neptune is the farthest planet from the Sun

02



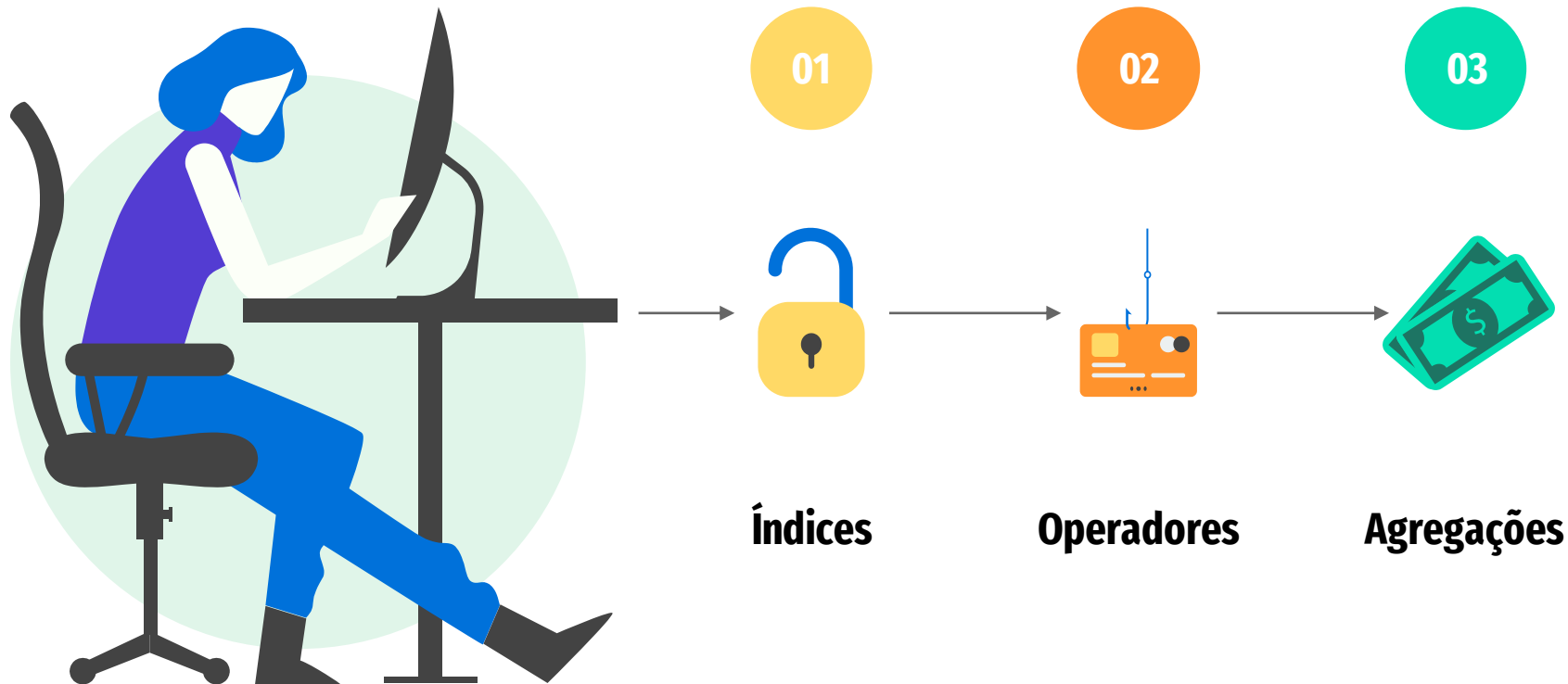
Vantagens
Pluto is now considered a dwarf planet

03



Desvantagens
Ceres is located in the main asteroid belt

MongoDB – Técnicas de Otimização



MongoDB – Técnicas de Otimização



PostgreSQL



01

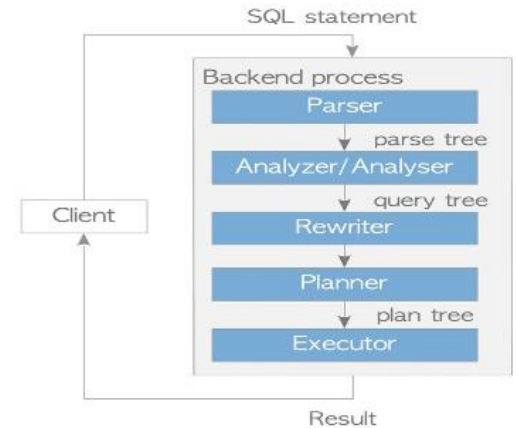


O que é?
Neptune is the
farthest planet
from the Sun

02



Processo Backend



PostgreSQL – Técnicas de Otimização

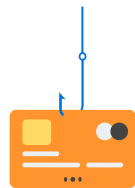


01



Índices

02



**Comando
Explain**

03



**Evitar Uso de
Caracteres Especiais**

PostgreSQL – Técnicas de Otimização

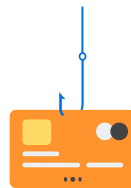


04



**Limitar o Número
de Linhas
Retornadas**

05



**Utilizar Tipos de
Dados
Corretamente**

MySQL



01



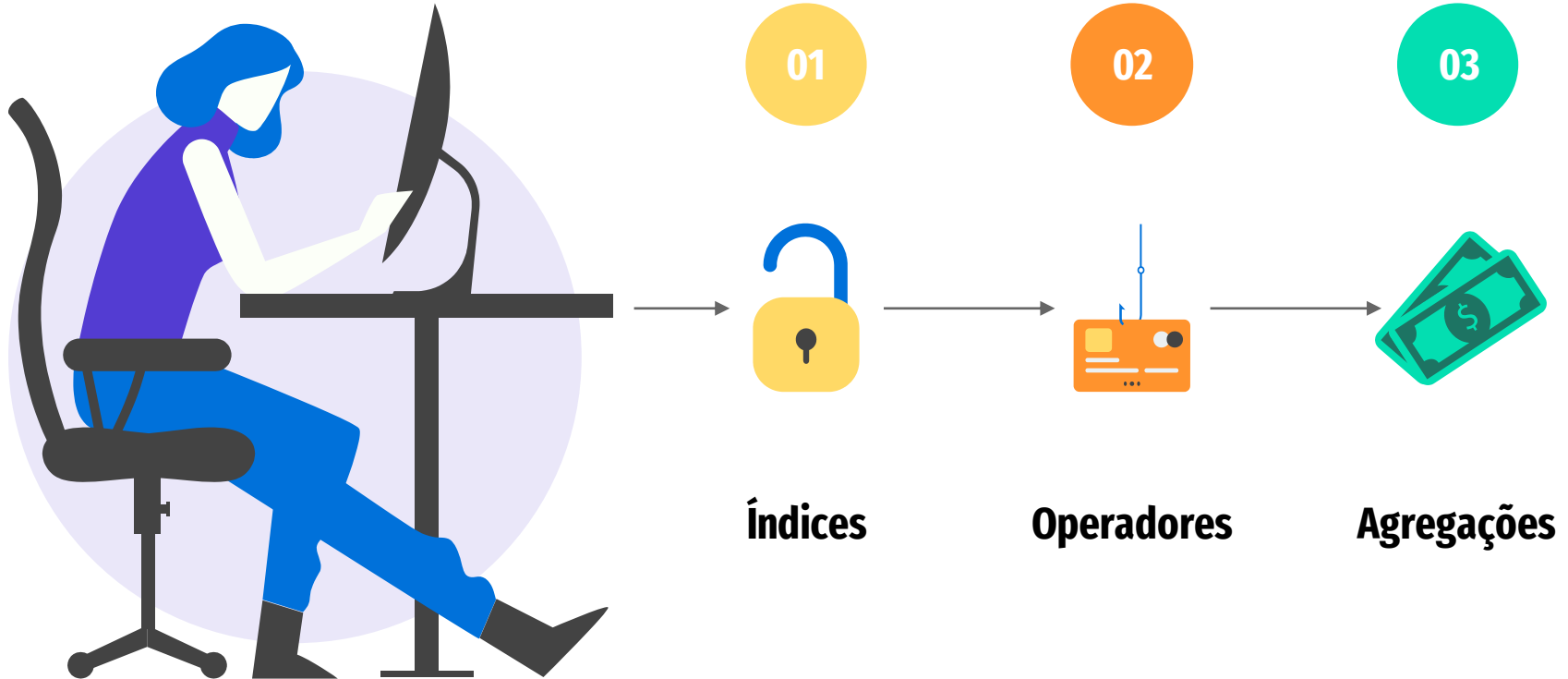
O que é?
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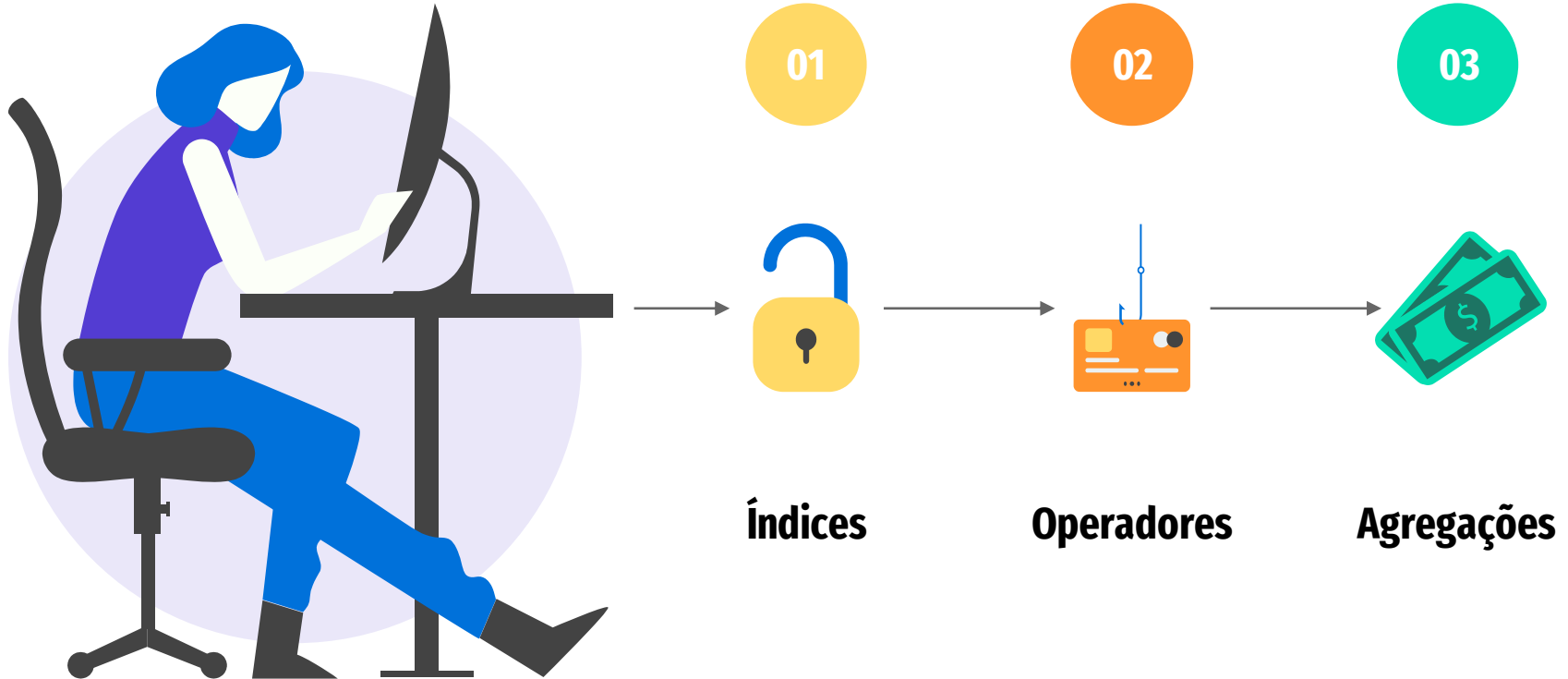


Processo Backend

MySQL – Técnicas de Otimização



MySQL – Técnicas de Otimização



Conclusão

