

Best Buy's website goes down on Black Friday

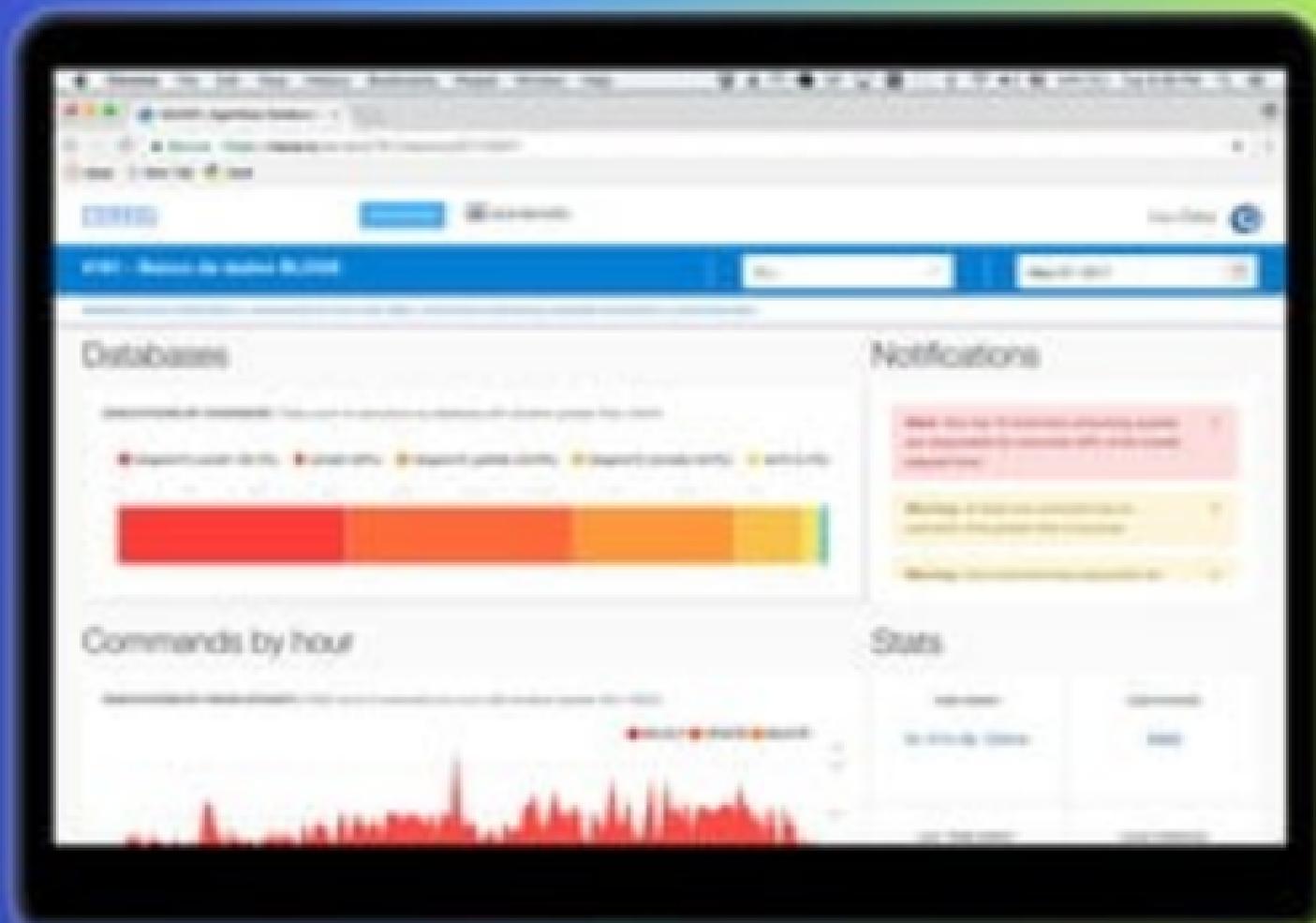
DOWNTIME!



Hard to identify the causes

Solution

- Analytics
- Root causes
- Real time data



Databases

Database (100%) Total count of operations by database with duration greater than 100ms

● Ingestor_geral (20.7%)
 ● geral (20%)
 ● Ingestor_perfil (20.7%)
 ● Ingestor_banco (20%)
 ● Test (20%)



Notifications

Alert: You do not have this monitoring query set up. It is necessary to have this alert set up to monitor this.

Warning: At least one command had an execution time greater than 5 seconds.

Warning: One command was interrupted by...

Commands by hour

Database (100%) Total count of operations by hour with duration greater than 100ms

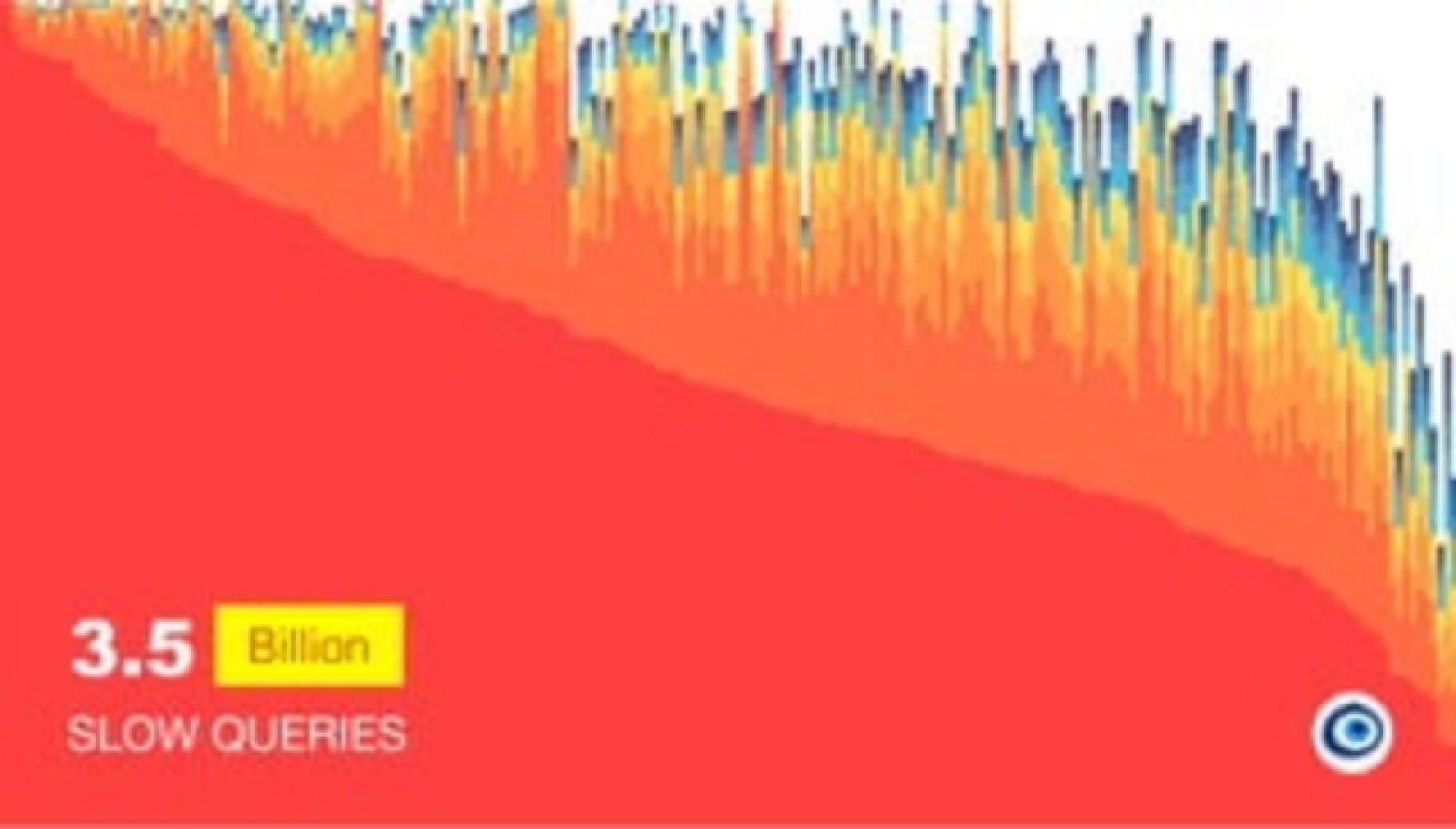
● Ingestor_geral (100%)
 ● geral (0%)
 ● Ingestor_perfil (0%)



Stats

Command	Count
Ingestor_geral	1000

Command	Count
Ingestor_geral	1000



3.5 Billion
SLOW QUERIES





NAZAR

DATABASE PERFORMANCE

Made EASY

Antônio Inocência | CEO & Cofounder

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Every app is powered by a database



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DOWNTIME!

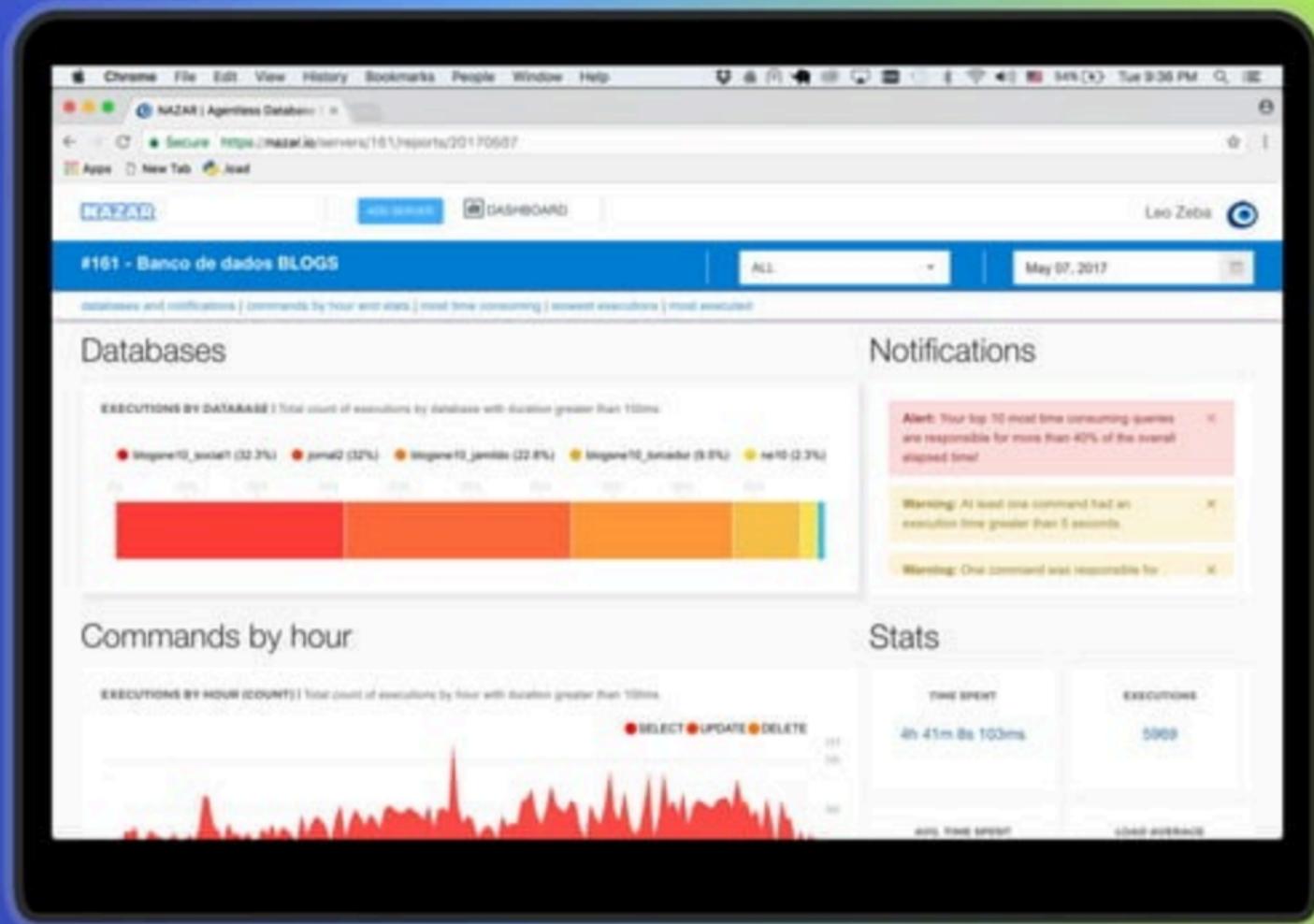


AS 10_r19, operational_employees` function_id` AS 10_r20, operational_employees` status_id` AS 10_r21, operational_employees` rg_registrant` AS 10_r22, operational_employees` phone2` AS 10_r23, operational_employees` phones` AS 10_r24, operational_employees` email` AS 10_r25, operational_employees` listed_for_import` AS 10_r27, operational_employees` active` AS 10_r28, operational_employees` sub_cost_centre_id` AS 10_r29, operational_employees` team_id` AS 10_r30, operational_employees` back_id` AS 10_r31, operational_employees` section_id` AS 10_r32, operational_employees` link` AS 10_r33, operational_employees` mother` AS 10_r34, operational_employees` father` AS 10_r35, operational_employees` rg_code` AS 10_r36, operational_employees` birth_date` AS 10_r37, operational_employees` alteration_date` AS 10_r38, operational_employees` initial_vacation_date` AS 10_r39, operational_employees` registry_original` AS 10_r40, operational_employees` education` AS 10_r41, operational_employees` civil_status` AS 10_r42, operational_employees` ctps_number` AS 10_r43, operational_employees` ctps_serial` AS 10_r44, operational_employees` setps_of` AS 10_r45, operational_employees` cbo` AS 10_r46, operational_employees` erp_registry` AS 10_r47, operational_employees` pis` AS 10_r48, teams` id` AS 11_r1, teams` kind` AS 11_r1, teams` cost_centre_id` AS 11_r2, teams` color_code` AS 11_r3, teams` back_team_id` AS 11_r4, teams` name` AS 11_r5, teams` created_at` AS 11_r6, teams` updated_at` AS 11_r7, teams` active` AS 11_r8, backs_operational_employees` id` AS 12_r0, backs_operational_employees` rg_registrant` AS 12_r1, backs_operational_employees` name` AS 12_r2, backs_operational_employees` hiring_date` AS 12_r3, backs_operational_employees` rg` AS 12_r4, backs_operational_employees` cpf` AS 12_r5, backs_operational_employees` phone1` AS 12_r6, backs_operational_employees` state` AS 12_r7, backs_operational_employees` city` AS 12_r8, backs_operational_employees` neighborhood` AS 12_r9, backs_operational_employees` address` AS 12_r10, backs_operational_employees` complement` AS 12_r11, backs_operational_employees` asof_expiration_date` AS 12_r12, backs_operational_employees` asof_expiration_date` AS 12_r13, backs_operational_employees` sispas_number` AS 12_r14, backs_operational_employees` accrued_vacation_days` AS 12_r15, backs_operational_employees` created_at` AS 12_r16, backs_operational_employees` updated_at` AS 12_r17, backs_operational_employees` cost_centre_id` AS 12_r18, backs_operational_employees` operational_profile` AS 12_r19, backs_operational_employees` function_id` AS 12_r20, backs_operational_employees` status_id` AS 12_r21, backs_operational_employees` rg_registrant` AS 12_r22, backs_operational_employees` phone2` AS 12_r23, backs_operational_employees` phone3` AS 12_r24, backs_operational_employees` email` AS 12_r25, backs_operational_employees` mestrado` AS 12_r26, backs_operational_employees` listed_for_import` AS 12_r27, backs_operational_employees` active` AS 12_r28, backs_operational_employees` team_id` AS 12_r29, backs_operational_employees` link` AS 12_r30, backs_operational_employees` mother` AS 12_r31, backs_operational_employees` father` AS 12_r32, backs_operational_employees` rg_code` AS 12_r33, backs_operational_employees` hour_code` AS 12_r34, backs_operational_employees` birth_date` AS 12_r35, backs_operational_employees` alteration_date` AS 12_r36, backs_operational_employees` initial_vacation_date` AS 12_r37, backs_operational_employees` registry_original` AS 12_r38, backs_operational_employees` education` AS 12_r39, backs_operational_employees` civil_status` AS 12_r40, backs_operational_employees` ctps_number` AS 12_r41, backs_operational_employees` ctps_serial` AS 12_r42, backs_operational_employees` setps_of` AS 12_r43, backs_operational_employees` cbo` AS 12_r44, backs_operational_employees` erp_registry` AS 12_r45, backs_operational_employees` pis` AS 12_r46, backs_operational_employees` created_at` AS 12_r47, backs_operational_employees` updated_at` AS 12_r48, backs_operational_employees` cost_centre_id` AS 12_r49, backs_operational_employees` operational_profile` AS 12_r50, backs_operational_employees` function_id` AS 12_r51, backs_operational_employees` status_id` AS 12_r52, backs_operational_employees` rg_registrant` AS 12_r53, backs_operational_employees` phone2` AS 12_r54, backs_operational_employees` phone3` AS 12_r55, backs_operational_employees` email` AS 12_r56, backs_operational_employees` mestrado` AS 12_r57, backs_operational_employees` listed_for_import` AS 12_r58, backs_operational_employees` active` AS 12_r59, backs_operational_employees` team_id` AS 12_r60, backs_operational_employees` link` AS 12_r61, backs_operational_employees` mother` AS 12_r62, backs_operational_employees` father` AS 12_r63, backs_operational_employees` rg_code` AS 12_r64, backs_operational_employees` hour_code` AS 12_r65, backs_operational_employees` birth_date` AS 12_r66, backs_operational_employees` alteration_date` AS 12_r67, backs_operational_employees` initial_vacation_date` AS 12_r68, backs_operational_employees` registry_original` AS 12_r69, backs_operational_employees` education` AS 12_r70, backs_operational_employees` civil_status` AS 12_r71, backs_operational_employees` ctps_number` AS 12_r72, backs_operational_employees` ctps_serial` AS 12_r73, backs_operational_employees` setps_of` AS 12_r74, backs_operational_employees` cbo` AS 12_r75, backs_operational_employees` erp_registry` AS 12_r76, backs_operational_employees` pis` AS 12_r77, backs_operational_employees` created_at` AS 12_r78, backs_operational_employees` updated_at` AS 12_r79, backs_operational_employees` cost_centre_id` AS 12_r80, backs_operational_employees` operational_profile` AS 12_r81, backs_operational_employees` function_id` AS 12_r82, backs_operational_employees` status_id` AS 12_r83, backs_operational_employees` rg_registrant` AS 12_r84, backs_operational_employees` phone2` AS 12_r85, backs_operational_employees` phone3` AS 12_r86, backs_operational_employees` email` AS 12_r87, backs_operational_employees` mestrado` AS 12_r88, backs_operational_employees` listed_for_import` AS 12_r89, backs_operational_employees` active` AS 12_r90, backs_operational_employees` team_id` AS 12_r91, backs_operational_employees` link` AS 12_r92, backs_operational_employees` mother` AS 12_r93, backs_operational_employees` father` AS 12_r94, backs_operational_employees` rg_code` AS 12_r95, backs_operational_employees` hour_code` AS 12_r96, backs_operational_employees` birth_date` AS 12_r97, backs_operational_employees` alteration_date` AS 12_r98, backs_operational_employees` initial_vacation_date` AS 12_r99, backs_operational_employees` registry_original` AS 13_r1, sub_cost_centres` id` AS 13_r1, sub_cost_centres` name` AS 13_r1, sub_cost_centres` code` AS 13_r2, sub_cost_centres` active` AS 13_r3, sub_cost_centres` cost_centre_id` AS 13_r4, sub_cost_centres` created_at` AS 13_r5, sub_cost_centres` updated_at` AS 13_r6, functions` id` AS 14_r0, functions` name` AS 14_r1, functions` created_at` AS 14_r2, functions` updated_at` AS 14_r3, functions` active` AS 14_r4, operational_employee_statuses` id` AS 15_r0, operational_employee_statuses` code` AS 15_r1, operational_employee_statuses` description` AS 15_r2, operational_employee_statuses` created_at` AS 15_r3, operational_employee_statuses` updated_at` AS 15_r4, cost_centres` id` AS 16_r0, cost_centres` description` AS 16_r1, cost_centres` name` AS 16_r2, cost_centres` active` AS 16_r3, cost_centres` created_at` AS 16_r4, cost_centres` updated_at` AS 16_r5, cost_centres` cost_centre_id` AS 16_r6, cost_centres` code` AS 16_r7, schedules` id` AS 17_r0, schedules` employee_id` AS 17_r1, schedules` cost_centre_id` AS 17_r2, schedules` date` AS 17_r3, schedules` created_at` AS 17_r4, schedules` updated_at` AS 17_r5, schedules` activity_type_id` AS 17_r6, schedules` obs` AS 17_r7, schedules` sub_cost_centre_id` AS 17_r8, schedules` origin_id` AS 17_r9, schedules` origin_type` AS 17_r10, schedules` rtp_id` AS 17_r11, schedules` boarding_type` AS 17_r12, activity_types` id` AS 18_r0, activity_types` code` AS 18_r1, activity_types` name` AS 18_r2, activity_types` color_code` AS 18_r3, activity_types` created_at` AS 18_r4, activity_types` updated_at` AS 18_r5, activity_types` kind` AS 18_r6, activity_types` appropriation` AS 18_r7, activity_types` has_justification` AS 18_r8, activity_types` notified` AS 18_r9, activity_types` tracked` AS 18_r10, cost_centres` id` AS 19_r0, cost_centres` schedules` description` AS 19_r1, cost_centres` schedules` name` AS 19_r2, cost_centres` schedules` active` AS 19_r3, cost_centres` schedules` created_at` AS 19_r4, cost_centres` schedules` updated_at` AS 19_r5, cost_centres` schedules` contract_id` AS 19_r6, cost_centres` schedules` code` AS 19_r7 FROM operational_employees` LEFT OUTER JOIN cost_centres` ON cost_centres` id` = operational_employees` cost_centre_id` LEFT OUTER JOIN teams` ON teams` id` = operational_employees` team_id` LEFT OUTER JOIN operational_employees` ON operational_employees` back_id` = operational_employees` back_id` LEFT OUTER JOIN sub_cost_centres` ON sub_cost_centres` id` = operational_employees` sub_cost_centre_id` LEFT OUTER JOIN functions` ON functions` id` = operational_employees` function_id` LEFT OUTER JOIN operational_employee_statuses` ON operational_employee_statuses` id` = operational_employees` status_id` LEFT OUTER JOIN schedules` ON schedules` employee_id` = operational_employees` id` LEFT OUTER

Hard to identify the causes

Solution

- Analytics
- Root causes
- Real time data





#161 - Banco de dados BLOGS

ALL

May 07, 2017

[databases and notifications](#) | [commands by hour and stats](#) | [most time consuming](#) | [slowest executions](#) | [most executed](#)

Databases

EXECUTIONS BY DATABASE | Total count of executions by database with duration greater than 100ms

● blogsne10_social1 (32.3%)
 ● jornal2 (32%)
 ● blogsne10_jamido (22.8%)
 ● blogsne10_tecedor (9.5%)
 ● ne10 (2.3%)



Notifications

Alert: Your top 10 most time consuming queries are responsible for more than 40% of the overall elapsed time! ✕

Warning: At least one command had an execution time greater than 5 seconds. ✕

Warning: One command was responsible for ✕

Commands by hour

EXECUTIONS BY HOUR (COUNT) | Total count of executions by hour with duration greater than 100ms

● SELECT
 ● UPDATE
 ● DELETE



Stats

TIME SPENT

4h 41m 8s 103ms

EXECUTIONS

5969

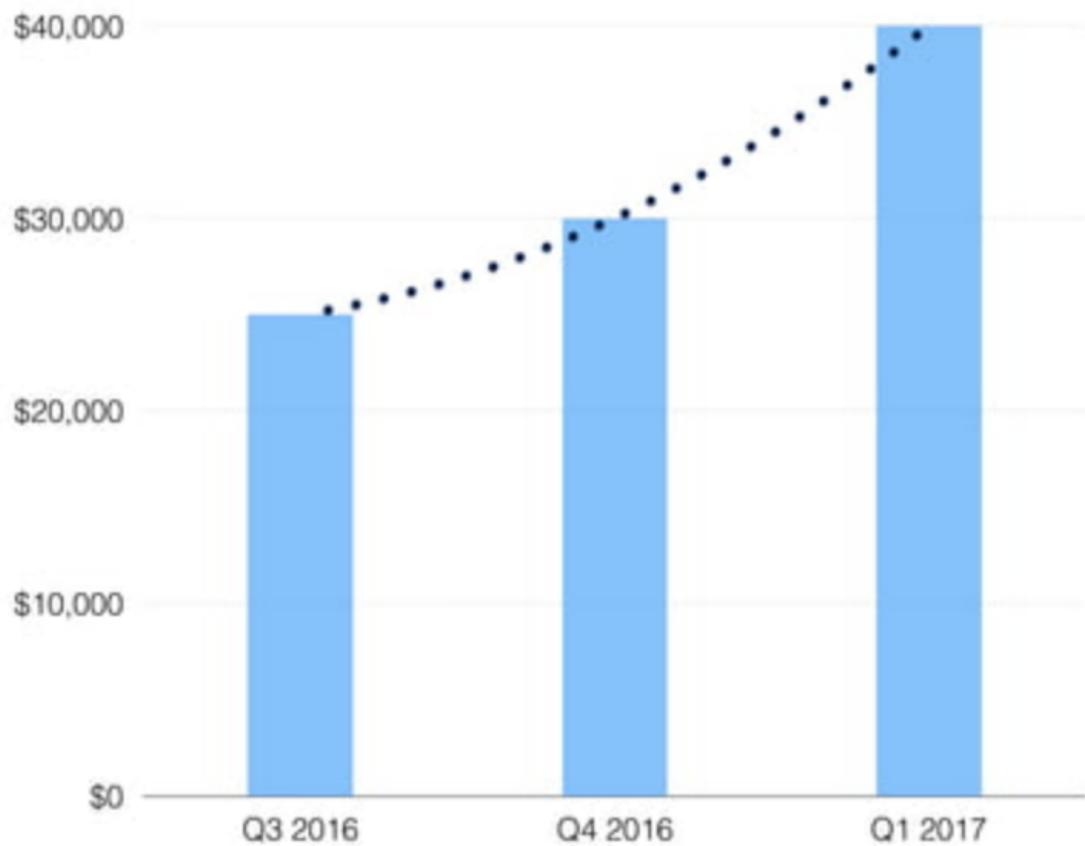
AVG. TIME SPENT

LOAD AVERAGE

Customers



Revenue



Team



Antônio Inocêncio
CEO

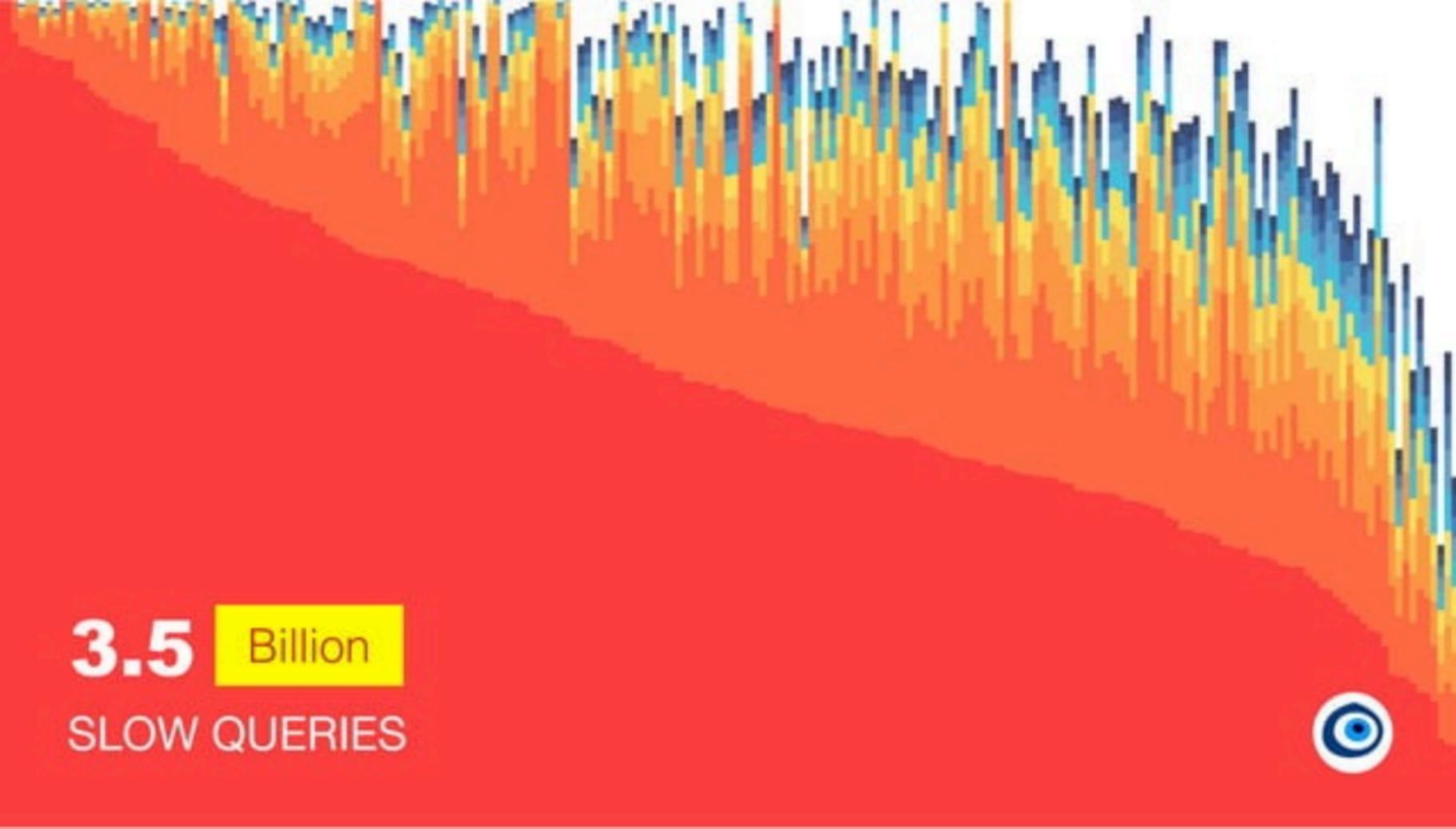


Leonardo Santos
CTO



Matheus Mendonça
CPO

40+ years of Experience in
Software Engineering, Database Performance and Sales



3.5 Billion
SLOW QUERIES





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