



# MICROSOFT SQL SERVER ARTIFICIAL INTELLIGENCE DATABASE ADMINISTRATOR





# Artificial Intelligence – Database Administrator<sup>®</sup>

Reach Beyond Your Ability

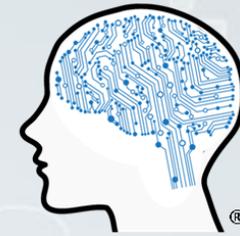
**The ideal choice for organizations seeking uncompromising service quality.**



# Intelligent Administration

Ai-DBA provides preventive administration tasks by analyzing the statistical data at the backend with the use of advanced Machine Learning algorithms. Ai-DBA is the Cloud-based database administration service supports all versions and editions of Microsoft SQL Server.

Microsoft SQL Server 2005 – 2019 (On-Prem, On-Cloud)  
Azure SQL Database  
Azure SQL Data Warehouse  
Azure SQL Managed Instance



**MICROSOFT SQL SERVER  
ARTIFICIAL INTELLIGENCE  
DATABASE ADMINISTRATOR**



# Why Choose Ai-DBA?

**WE HAVE 10 YEARS EXPERIENCE IN THIS PASSION**

## Mission

Our aim is to empower every single company for preventive database administration via artificial intelligence methods and practices.

## Vision

Ai-DBA, Revolutionize the Microsoft SQL Server Administration and Maintenance.

## Position

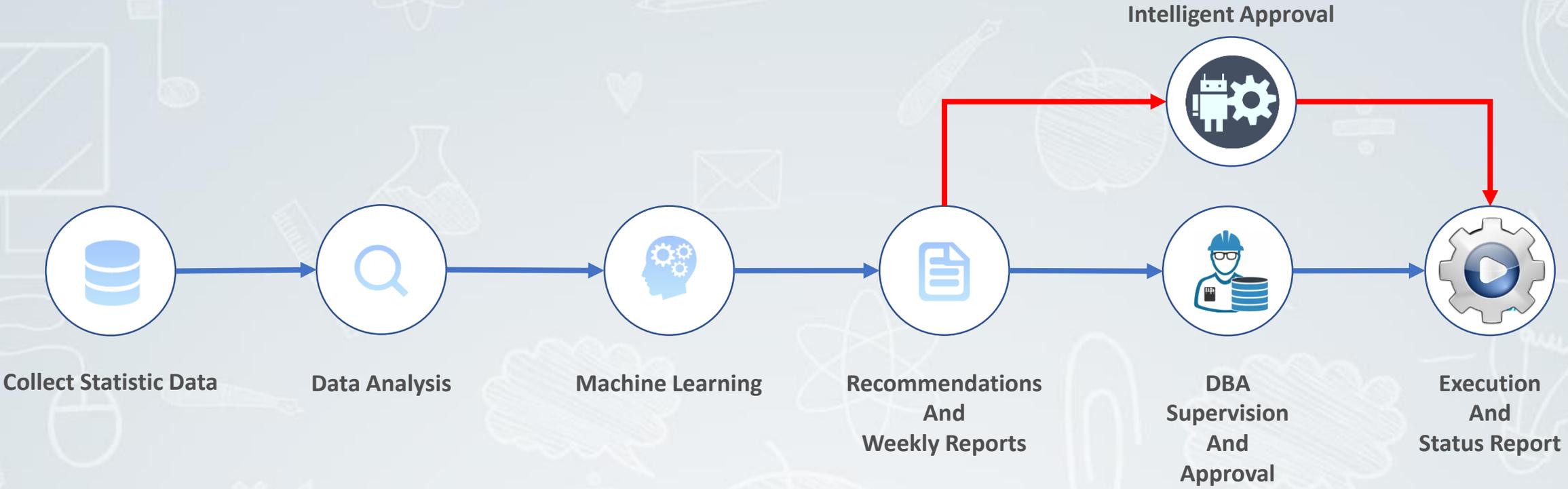
For Chief Information Officer/Head of IT who requires to make sure databases are running smoothly in the ideal environment, the Ai-DBA is an intelligence system that can provide preventive administration or maintenance tasks by reviewing the SQL Server regularly.



**Machine Learning**



# Ai-DBA Workflow



# Minimum System Requirements



## Cloud

- .Net Framework 4.6
- Internet Connection



## On-Premise

- Processor: 8Cores
- Memory: 32GB
- Storage: 100GB
- Windows Server 2012
- SQL Server 2017 Standard Edition
- Python 3.4
- .Net Framework 4.6
- Internet Connection



# Installation and Configuration Made Easy

The image displays three overlapping windows from a Windows operating system:

- Left Window (Ai-DBA - InstallShield):** Shows the installation wizard for 'Artificial Intelligence - Database Administrator'. It features the Microsoft logo and the text 'MICROSOFT ARTIFICIAL INTELLIGENCE DATABASE ADMINISTRATOR'. There are input fields for 'Username:' and 'Password:'.
- Middle Window (Artificial Intelligence Database Administrator):** Shows the configuration interface. It includes a 'SQL Server Servers' list, a 'Delete' button, and several configuration fields: 'Cache Directory:', 'Destination Server:', 'Multi-Threaded' (checked), 'Account ID:', 'Username:', 'Password:', 'Security Compliance', 'Archive Log Path:', and 'Archive Data Path:'.
- Right Window (Services):** Shows the Windows Services console. The 'Ai-DBA Service' is highlighted in blue. The service is listed as 'Running' with an 'Automatic' startup type and 'Local System' log on as.

Name	Description	Status	Startup Type	Log On As
ActiveX Installer (AxInstSV)	Provides User Account Control vali...		Manual	Local System
<b>Ai-DBA Service</b>	<b>Artificial Intelligence - Database Ad...</b>	<b>Running</b>	<b>Automatic</b>	<b>Local System</b>
AllJoyn Router Service	Routes AllJoyn messages for the lo...		Manual (Trigg...	Local Service
App Readiness	Gets apps ready for use the first ti...		Manual	Local System
Application Identity	Determines and verifies the identity...		Manual (Trigg...	Local Service
Application Information	Facilitates the running of interactiv...	Running	Manual (Trigg...	Local System
Application Layer Gateway Se...	Provides support for 3rd party prot...		Manual	Local System
Application Management	Processes installation, removal, and...		Manual	Local System
AppX Deployment Service (A...	Provides infrastructure support for ...		Manual	Local System
ASP.NET State Service	Provides support for out-of-proces...		Manual	Network Se...
AssignedAccessManager Serv...	AssignedAccessManager Local Serv...		Manual (Trigg...	Local System
Auto Time Zone Updater	Automatically sets the system time ...		Disabled	Local Service
AVCTP service	This is Audio Video Control Transp...	Running	Manual (Trigg...	Local Service
Background Intelligent Transf...	Transfers files in the background us...	Running	Automatic (De...	Local System
Background Tasks Infrastruct...	Windows infrastructure service that...	Running	Automatic	Local System
Base Filtering Engine	The Base Filtering Engine (BFE) is a ...	Running	Automatic	Local Service
BitLocker Drive Encryption Se...	BDESVC hosts the BitLocker Drive E...		Manual (Trigg...	Local System
Block Level Backup Engine Se...	The WBENGINE service is used by ...		Manual	Local System
Bluetooth Audio Gateway Ser...	Service supporting the audio gate...		Manual (Trigg...	Local Service
Bluetooth Support Service	The Bluetooth service supports dis...		Manual (Trigg...	Local Service
Bluetooth User Support Servi...	The Bluetooth user service support...		Manual (Trigg...	Local System
BranchCache	This service caches network content...		Manual	Network Se...
Capability Access Manager S...	Provides facilities for manaing U...		Manual	Local System



# Features – Ver: 1.1.7.5

## Pro-Active & Preventive Administration

Intelligent Peak Hour Detection  
 Capacity Planning  
 Database Backup and Restore  
 Severe Alerts on Errors  
 Severe Alerts on Health Status  
 Management Policies  
 Resource Semaphore  
 Corruption Recovery  
 Upgrade and Patching  
 Hardware Storage Performance Test  
 Network Throughput and Latency Test  
 Instance Memory  
 Instance Configuration  
 Database Configuration  
 Database Checkpoint Configuration  
 Database Federation  
 Database Compression  
 Database File Placement  
 Database Table Partitioning  
 Windows Server Configuration

## Pro-Active Security & Audit

Audit Database Changes  
 Audit Login Access  
 Fix Orphan Users  
 Login Configuration  
 Login Default Database  
 SA Hardening  
 Create Individual Login  
 Certificate Management  
 Database Encryption  
 Backup Encryption  
 Intelligent Data Masking  
 Active Directory Synchronization  
 Windows Server Hardening  
 SQL Server Hardening  
 Intelligent Data Access Pattern Analysis

## High Availability & Disaster Recovery

Database Mirroring  
 Database Log Shipping  
 Database Replication – Snapshot  
 Database Replication – Transactional  
 Windows Server Failover Cluster  
 SQL Server AlwaysOn Availability Group

## Pro Performance Tuning

Manage Plan Cache  
 Create Missing Indexes  
 Disable Unused Indexes  
 Re-Build Indexes  
 Wrong Index Design  
 Create Statistics  
 Update Statistics  
 Expression Optimization  
 Object Metadata Optimization  
 Table Structure Optimization  
 Table Hint Optimization

## Periodic Management Reports

Resource Utilization  
 Database Activities  
 Severe Event Logs  
 Capacity Planning Trend  
 Storage IO Performance Report  
 Forecasted Peak Hours  
 Consumption Rate

## Advance Communication

Machine Voice Call (IVR)

## Troubleshooting

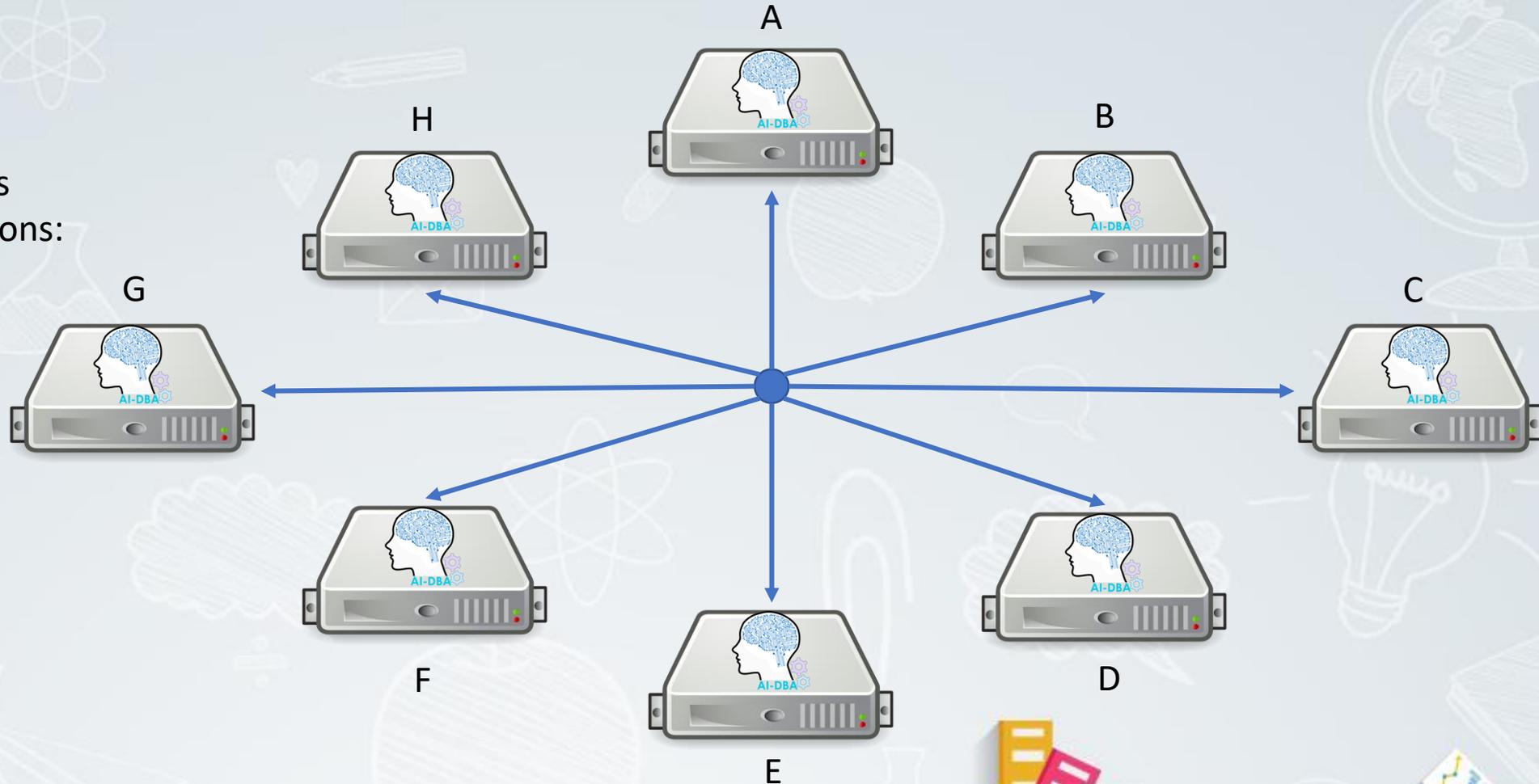
Deadlock Data Collection  
 Deadlock Troubleshooting  
 Blocking Data Collection  
 Blocking Troubleshooting



# Network Communication

Every Ai-DBA instance is able to communicate with each other through TCP ports to perform the following actions:

- Windows Commands
- PowerShell Commands
- Transact-SQL Commands
- Information Sharing



SEND: TCP 10800  
RECEIVE: TCP 10801



# Ai-DBA Heart Beat Detection



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## Notification System

The Following Ai-DBA Instances Have Not Update the Heart Beat Record.

Machine Name	IP Address	Last Heart Beat
AIDBA02	192.168.1.207	Sep 23 2019 8:50AM
FARDSOLUTIONS-0	192.168.1.5	Sep 23 2019 8:51AM

### Workaround

Allow Firewall on TCP 1433 [Outbound] at Ai-DBA.Database.Windows.Net  
Verify the Ai-DBA Windows Service is Running, if so; restart the service.

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Customer receives an email in regards of Ai-DBA service heart beat status.



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# SQL Server Heart Beat Detection



Artificial Intelligence – Database Administrator®

## Notification System

The Following SQL Server Instances Have Not Respond to Heart Beat Request.

IP Address	Machine Name	Instance Name	Last Heart Beat
10.50.19.246	KLGWCDAXDB1	MSSQLSERVER	Oct 21 2019 4:22AM
10.50.22.251	KLGWCDAXDB1	MSSQLSERVER	Oct 21 2019 4:22AM
169.254.1.34	KLGWCDAXDB1	MSSQLSERVER	Oct 21 2019 4:22AM

### Workaround

Verify the SQL Server Instance Service is Running.  
Verify the SQL Server Host Machine (VM/Physical) is Turned On and Running.

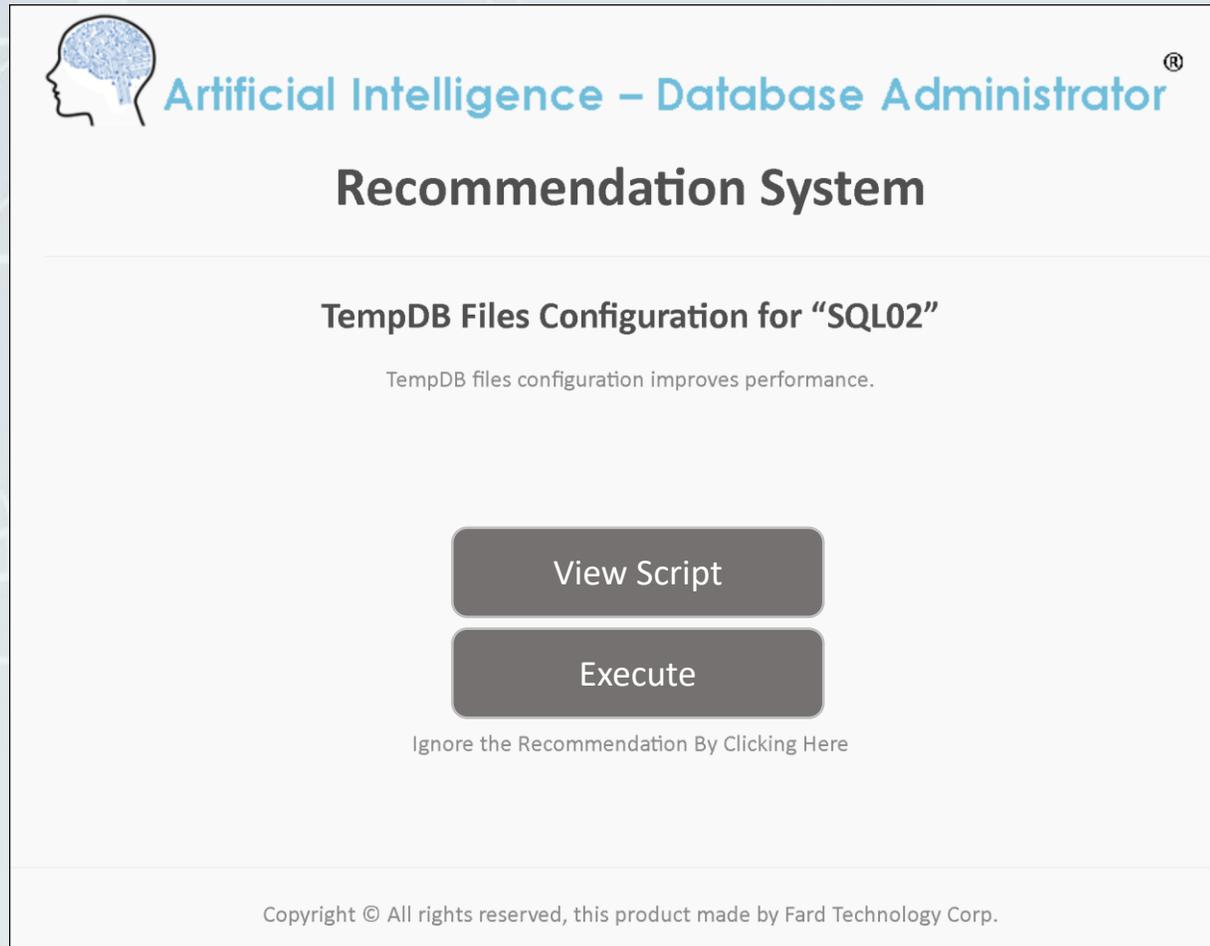
Customer receives an email in regards of SQL Server instance heart beat status.



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# Recommendation Email System



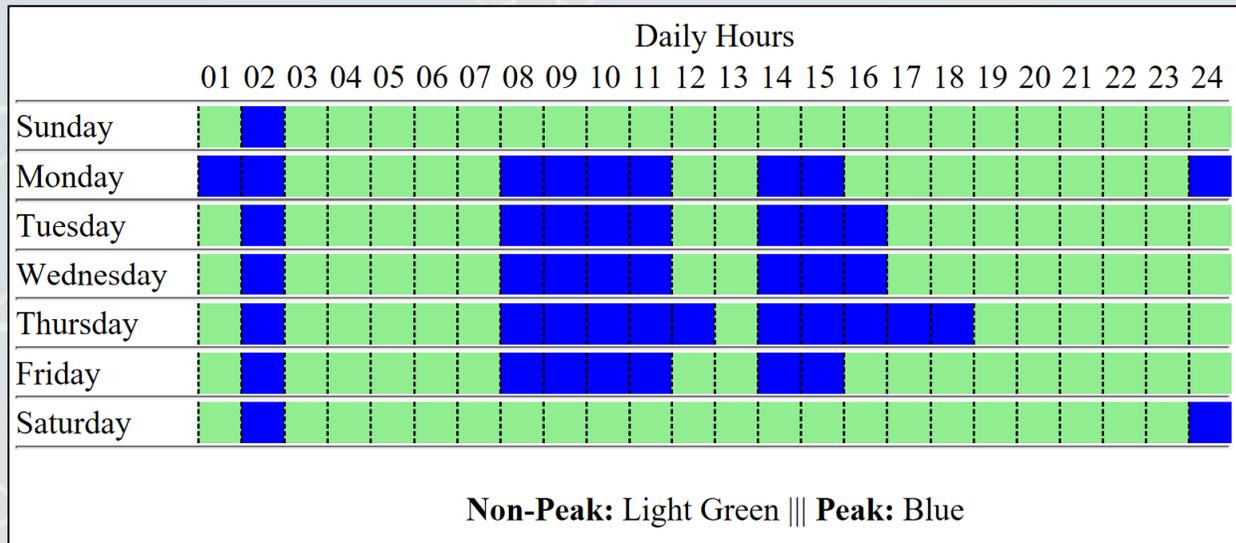
The screenshot shows the user interface of the Ai-DBA Recommendation System. At the top left is the logo, a stylized head with a brain, followed by the text "Artificial Intelligence – Database Administrator" with a registered trademark symbol. Below this is the title "Recommendation System". The main content area is titled "TempDB Files Configuration for 'SQL02'" and includes a sub-note: "TempDB files configuration improves performance." There are two prominent buttons: "View Script" and "Execute". Below the "Execute" button is a link that says "Ignore the Recommendation By Clicking Here". At the bottom of the interface, there is a copyright notice: "Copyright © All rights reserved, this product made by Fard Technology Corp."

Customers will receive emails from Ai-DBA recommendation system in order to apply the script on their SQL Server instance.

The script can be executed manually by IT administrator or automatically by clicking on "Execute" button.



# Intelligent Execution Schedule



All the Recommendations will be scheduled during Non-Peak Hours detected by Ai-DBA System.

The detected peak hours pattern is over the last 3months of database activities.



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DATABASE ADMINISTRATOR**

The Recommendation Auto Execution has been Enabled, The Script will be Executed on Monday (10/21/2019), at 17:00 - 19:00 (Local Time).



# Recommendation Email System



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## Recommendation System

The Below Recommendations Successfully Executed Automatically.

SQL Name	Recommendation	Emailed At	Executed At
MINE	Suspected pages recovery	Jul 24 2019 10:29AM	Jul 31 2019 2:47AM
SQL2016	Create Missing Indexes	May 29 2019 2:27AM	Jul 31 2019 2:47AM
SQL2016	TempDB Files Replacement	May 12 2019 4:38AM	Jul 31 2019 2:47AM
SQL2016	User Database Files Replacement	May 12 2019 4:38AM	Jul 31 2019 2:47AM
SQL2016	Database Configuration	May 15 2019 3:42AM	Jul 31 2019 2:47AM
SQL2016	Instance Configuration	May 18 2019 1:41AM	Jul 31 2019 2:47AM
SQL2016	TempDB Files Configuration	May 18 2019 1:41AM	Jul 31 2019 2:47AM
SQL2016	Update Statistics	May 20 2019 1:43AM	Jul 31 2019 2:47AM

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Customers will receive emails from Ai-DBA recommendation system in regards of successful executions for the last 12 hours.



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# Notification Email System



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## Notification System

“Weekly Report: [KLGWVMESDB01] From 2019-02-27 To 2019-03-06”

- Resource Utilization
- Database Activities
- Severe Event Logs
- Capacity Planning Trend

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Customers will receive emails from Ai-DBA notification system in order to view the weekly reports.

- Resource Utilization.
- Database Activities.
- Severe Event Logs.
- Capacity Planning Trend.
- Disk Storage Performance Test Report.



# Notification Email System



## Disk Storage Performance Test Report

DEVELOPMENT-MAC

### Candidate Drives

Target	Volume	Average MB/s	Average IO Latency (ms)
Data Files	C	401.4	1.08
Database Backup	C	1669.715	2.12
Log Files	C	102.06	0.15
Rebuild Index	C	1407.06	2.915

### Storage IO Performance Details

Volume	Operation	Test Type	MB/s	IO/s	Average IO Latency (ms)
C	Backup Read	Read IO	2135.00	2135.00	0.93
C	Backup Write	Write IO	1204.43	2408.86	3.31
C	Data File	Read IO	480.39	7686.18	1.88
C	Data File	Write IO	322.41	5158.57	0.28
C	Log File	Write IO	102.06	26127.89	0.15
C	Rebuild Index Read	Read IO	1640.09	3280.18	2.43
C	Rebuild Index Write	Write IO	1174.03	2348.05	3.40

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Customers will receive email in regards of Disk Storage Performance and candidate storage drives are nominated by Ai-DBA system.

It is required to be installed and configured prior SQL Server installation.



# Query Optimization

## Query Optimization System

Improvements: 84%  
Server: HTAUSVRSQL03  
Generated At: 8/30/2019 9:34:39 AM

### Optimized Query [Copy](#)

```
/*
This Query has been Tuned by AI-DBA Query Optimizer (v1.1.6.7).
Copyright (C) 2019 Fard Technology Corp., all rights reserved.
Date: 8/30/2019 9:34:37 AM GMT
*/
/*TABLE STRUCTURE DESIGN FOR ' REPLACE(REPLACE(REPLACE(REPLACE( PICKINGROUTEID ,CHAR(13),' '),CHAR(10),' '), '{','(',')','}')' )' EXPRESSION.*/
ALTER TABLE [AX2009HIT_LIVE].[dbo].[INVENTTRANS] ADD COLUMN [AI_DBA_REPLACE_PICKINGROUTEID] AS REPLACE(REPLACE(REPLACE(REPLACE( PICKINGROUTEID ,CHAR(13),' '),CHAR(10),' '), '{','(',')','}')' )' PERSISTED;

/*TABLE STRUCTURE DESIGN FOR ' REPLACE(REPLACE(REPLACE(REPLACE( INVENTTRANSIDTRANSFER ,CHAR(13),' '),CHAR(10),' '), '{','(',')','}')' )' EXPRESSION.*/
ALTER TABLE [AX2009HIT_LIVE].[dbo].[INVENTTRANS] ADD COLUMN [AI_DBA_REPLACE_INVENTTRANSIDTRANSFER] AS REPLACE(REPLACE(REPLACE(REPLACE( INVENTTRANSIDTRANSFER ,CHAR(13),' '),CHAR(10),' '), '{','(',')','}')' )' PERSISTED;

/*TABLE STRUCTURE DESIGN FOR ' REPLACE(REPLACE(REPLACE(REPLACE( LOWER(B.DATAAREAD) ,CHAR(13),' '),CHAR(10),' '), '{','(',')','}')' )' EXPRESSION.*/
ALTER TABLE [AX2009HIT_LIVE].[dbo].[INVENTTRANS] ADD COLUMN [AI_DBA_REPLACE_DATAAREAD] AS REPLACE(REPLACE(REPLACE(REPLACE( LOWER(B.DATAAREAD) ,CHAR(13),' '),CHAR(10),' '), '{','(',')','}')' )' PERSISTED;

/*TABLE STRUCTURE DESIGN FOR ' REPLACE(REPLACE(REPLACE(REPLACE( CREATEDBY ,CHAR(13),' '),CHAR(10),' '), '{','(',')','}')' )' EXPRESSION.*/
ALTER TABLE [AX2009HIT_LIVE].[dbo].[INVENTTRANS] ADD COLUMN [AI_DBA_REPLACE_CREATEDBY] AS REPLACE(REPLACE(REPLACE(REPLACE( CREATEDBY ,CHAR(13),' '),CHAR(10),' '), '{','(',')','}')' )' PERSISTED;

/*TABLE STRUCTURE DESIGN FOR ' REPLACE(REPLACE(REPLACE(REPLACE( MODIFIEDBY ,CHAR(13),' '),CHAR(10),' '), '{','(',')','}')' )' EXPRESSION.*/
ALTER TABLE [AX2009HIT_LIVE].[dbo].[INVENTTRANS] ADD COLUMN [AI_DBA_REPLACE_MODIFIEDBY] AS REPLACE(REPLACE(REPLACE(REPLACE( MODIFIEDBY ,CHAR(13),' '),CHAR(10),' '), '{','(',')','}')' )' PERSISTED;

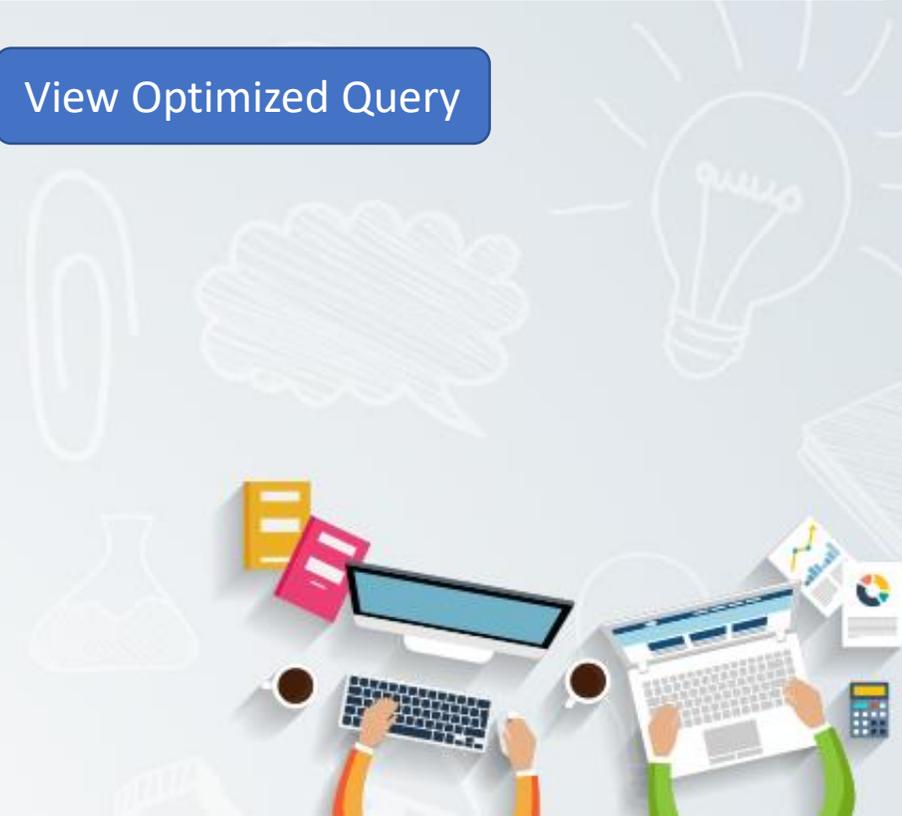
/*TABLE STRUCTURE DESIGN FOR ' REPLACE(REPLACE(REPLACE(REPLACE( INVENTREFTRANSID ,CHAR(13),' '),CHAR(10),' '), '{','(',')','}')' )' EXPRESSION.*/
ALTER TABLE [AX2009HIT_LIVE].[dbo].[INVENTTRANS] ADD COLUMN [AI_DBA_REPLACE_INVENTREFTRANSID] AS REPLACE(REPLACE(REPLACE(REPLACE( INVENTREFTRANSID ,CHAR(13),' '),CHAR(10),' '), '{','(',')','}')' )' PERSISTED;
```

### Original Query [Copy](#)

```
set nocount on
SELECT
    '{' + REPLACE(REPLACE(REPLACE(REPLACE( b.ITEMID ,CHAR(13),' '),CHAR(10),' '), '{','(',')','}')' ) + '{' AS ITEMID ,
    b.STATUSISSUE AS STATUSISSUE ,
    '{' + Substring(Convert(varchar, isnull(b.DATEPHYSICAL,'1900-01-01'), 121), 1, 10) + '{' AS DATEPHYSICAL ,
    b.QTY AS QTY ,
    b.COSTAMOUNTPOSTED AS COSTAMOUNTPOSTED ,
    '{' + REPLACE(REPLACE(REPLACE(REPLACE( b.CURRENCYCODE ,CHAR(13),' '),CHAR(10),' '), '{','(',')','}')' ) + '{' AS CURRENCYCODE ,
    b.TRANSTYPE AS TRANSTYPE ,
    '{' + REPLACE(REPLACE(REPLACE(REPLACE( b.TRANSREFID ,CHAR(13),' '),CHAR(10),' '), '{','(',')','}')' ) + '{' AS TRANSREFID ,
    '{' + REPLACE(REPLACE(REPLACE(REPLACE( b.INVOICEID ,CHAR(13),' '),CHAR(10),' '), '{','(',')','}')' ) + '{' AS INVOICEID ,
    '{' + REPLACE(REPLACE(REPLACE(REPLACE( b.VOUCHER ,CHAR(13),' '),CHAR(10),' '), '{','(',')','}')' ) + '{' AS VOUCHER ,
    '{' + Substring(Convert(varchar, isnull(b.DATEEXPECTED,'1900-01-01'), 121), 1, 10) + '{' AS DATEEXPECTED ,
    '{' + Substring(Convert(varchar, isnull(b.DATEFINANCIAL,'1900-01-01'), 121), 1, 10) + '{' AS DATEFINANCIAL ,
    b.COSTAMOUNTPHYSICAL AS COSTAMOUNTPHYSICAL ,
    '{' + REPLACE(REPLACE(REPLACE(REPLACE( b.INVENTTRANSID ,CHAR(13),' '),CHAR(10),' '), '{','(',')','}')' ) + '{' AS INVENTTRANSID ,
    b.STATUSRECEIPT AS STATUSRECEIPT ,
    b.PACKINGSLIPRETURNED AS PACKINGSLIPRETURNED ,
    b.INVOICEReturned AS INVOICEReturned ,
    '{' + REPLACE(REPLACE(REPLACE(REPLACE( b.PACKINGSLIPID ,CHAR(13),' '),CHAR(10),' '), '{','(',')','}')' ) + '{' AS PACKINGSLIPID ,
    '{' + REPLACE(REPLACE(REPLACE(REPLACE( b.VOUCHERPHYSICAL ,CHAR(13),' '),CHAR(10),' '), '{','(',')','}')' ) + '{' AS VOUCHERPHYSICAL ,
    b.COSTAMOUNTADJUSTMENT AS COSTAMOUNTADJUSTMENT ,
    b.QTYSETTLED AS QTYSETTLED ,
    b.COSTAMOUNTSETTLED AS COSTAMOUNTSETTLED ,
    b.VALUEOPEN AS VALUEOPEN ,
    b.DIRECTION AS DIRECTION
```

Ai-DBA is able to redesign the long running queries in order to reduce the elapse time and resource utilization in fraction of time.

[View Optimized Query](#)



# Active Directory Synchronization

SQLAdmins Properties

General Members Member Of Managed By

SQLAdmins

Group name (pre-Windows 2000): SQLAdmins

Description:

E-mail:

Group scope

Domain local

Global

Universal

Group type

Security

Distribution

Notes:

;[DEVELOPMENT-MAC]={ROLE={DBCREATOR}ACCESS={AI-DBA:db\_owner}};

OK Cancel Apply

Fard Properties

Member Of Dial-in Environment Sessions

Remote control Remote Desktop Services Profile COM+

General Address Account Profile Telephones Organization

Fard

First name: Fard Initials:

Last name:

Display name: Fard

Description: ;[DEVELOPMENT-MAC]={ROLE={DBCREATOR}AI

Office:

Telephone number: Other...

E-mail:

Web page: Other...

OK Cancel Apply Help

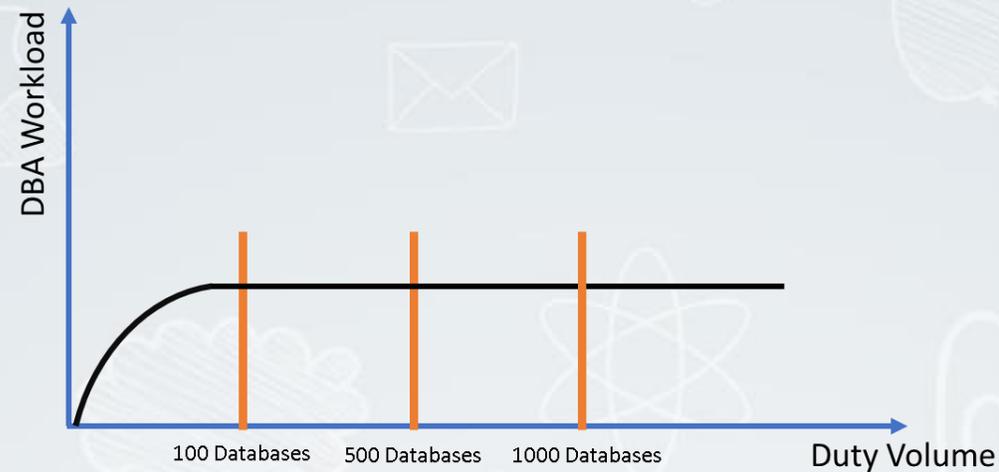
Ai-DBA is able to synchronize the SQL logins and data access level through Active Directory.

```
;[DEVELOPMENT-MAC]={
    ROLE={DBCREATOR}
    ACCESS={ [AI-DBA]:db_datawriter,
             [AI-DBA]:db_datareader }
};
```



# Impact on Productivity

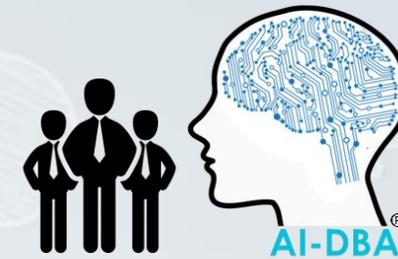
Enhancing the DBA capability and capacity in handling increased Duty Volume. It means when Duty Volume grows, the actual DBA workload should be of little or no change as shown below.



With Duty Volume more than doubled, the DBA workload remains almost unchanged. To achieve this goal, there must be lots of automation plus a comprehensive administration platform.



# Efficiency and Effectiveness



Regular Tasks	Elapse Time without Ai-DBA	Elapse Time with Ai-DBA
SQL Server Health Check (96-108 Factors)	6-8 Hours	30-45 Minutes
Technical Findings Analysis	3-4 Hours	05-10 Minutes
Rectifying Issues	8-16 Hours	15-30 Minutes
	17-28 Hours	50-85 Minutes



# Ai-DBA vs. Traditional Tools

Features	Traditional Tools	Ai-DBA
Resource Utilization Below 1GB	✗	✓
Monitoring Dashboard	✓	✗
Auto Script Generator	✗	✓
Critical Alerts Medium (IVR Call)	✗	✓
Weekly Reports	✗	✓
Training Not Required	✗	✓
DBA Skill Not Required	✗	✓
DBA Interaction Not Required	✗	✓
Email NLP Communication	✗	✓
HA+DR Automatic Setup	✗	✓



# Service Level Agreement

**%99**

**Availability and Operationality of Ai-DBA Agent.**

**%99.9**

**Availability of Reports and Historical Data.**  
For the last 12months.

**%99.9**

**Availability of Ai-DBA Backend Engines**  
(Voice Call Notification, Email Notification, Recommendation System, Optimization System).



# Real-World Case Study



# Case Study – Corporate X

Industry: Software License Provider / Professional Services

No. Of Employees: 501 – 1000

Core Issues:

- Payment collection from client was delayed due to excessive blocking in production database.
- Daily invoices could not be generated on-time.

Affected business activities:

- Month end financial reports.
- Daily basis purchase and billing activities.
- Delay on client payments.

09x ↑

DB Performance

02x ↑

Invoice Generation



# Case Study – Corporate Y

Industry: Manufacturing

No. Of Employees: 201 – 500

Core Issues:

- Severe database corruption and inconsistency.
- Technical Team unable to respond on-time.

Affected business activities:

- Entire production line was disrupted.

How Ai-DBA works:

Uses Machine Learning algorithms to Predict the Database Corruption base on hardware events and application workloads.

05x 

Corruption Rate

03x 

Technical Response Time



# Case Study – Corporate Z

Industry: Insurance

No. Of Employees: 501 – 1000

Core Issues:

- Current database servers are configured in Hyper-Converged infrastructure, Un-managed database cause increase growth in Memory sprawling. Customer was concerned that they will be required to upgrade physical Memory in entire pool of servers in future.

Affected business activities:

- Entire production line was disrupted.

How Ai-DBA works:

Uses Machine Learning algorithms to perform preventive and pro-active database administration.

50% ↓

DB Memory Consumption

0.2x ↑

Service Availability



# Subscription and License Plans



# Subscription Plans (Annually)

Plan Category	Minimum Subscriptions	Cost Per Subscription (USD)			On-Prem	OEM
		Express	Standard	Enterprise		
Professional Single	1	\$3,000	\$4,000	\$5,000	NO	NO
Professional Bulk	25	\$2,850	\$3,500	\$4,500	YES	NO
Professional Data Centre	100	\$2,500	\$3,000	\$4,000	YES	NO
Professional Cloud	500	\$2,000	\$2,500	\$3,500	YES	YES

\* Money Back Guarantee for first 60Days. T&C Applies.

\* Please contact our sales consultants at [Sales@Fard-Solutions.com](mailto:Sales@Fard-Solutions.com)



# License Plans

Plan Category	Minimum Licenses	Cost Per License (USD)			Main Stream Support	On-Prem	OEM
		Express	Standard	Enterprise			
Professional Single	1	N/A	N/A	\$10,000	2 Years	YES	NO
Professional Bulk	25	N/A	N/A	\$9,500	2 Years	YES	NO
Professional Data Centre	100	N/A	N/A	\$9,000	2 Years	YES	NO
Professional Cloud	500	N/A	N/A	\$8,500	2 Years	YES	NO

\* Money Back Guarantee for first 60Days. T&C Applies.

\* Please contact our sales consultants at [Sales@Fard-Solutions.com](mailto:Sales@Fard-Solutions.com)



# Some of Credentials



# Steps to Subscribe



Counter Sign the Non-Disclosure Agreement



Counter Sign the Subscription Agreement



Provide the Official Purchase Order



# Thank You

**Fard Technology Corp. (HQ)**  
**700-1199 West Hastings Street, Vancouver, British Columbia, V6E 3T5 Canada.**

**Fard Solutions Sdn Bhd (Sales and Support)**  
**1-1C & 1-2C Incubator 1, Technology Park Malaysia, Bukit Jalil, 57000 Kuala Lumpur, Malaysia.**

**Telephone:**           **+603-8994 6788**  
**E-Mail :**               **[Enquiry@AI-DBA.Net](mailto:Enquiry@AI-DBA.Net)**  
                              **[Sales@Fard-Solutions.com](mailto:Sales@Fard-Solutions.com)**



Thank You.

