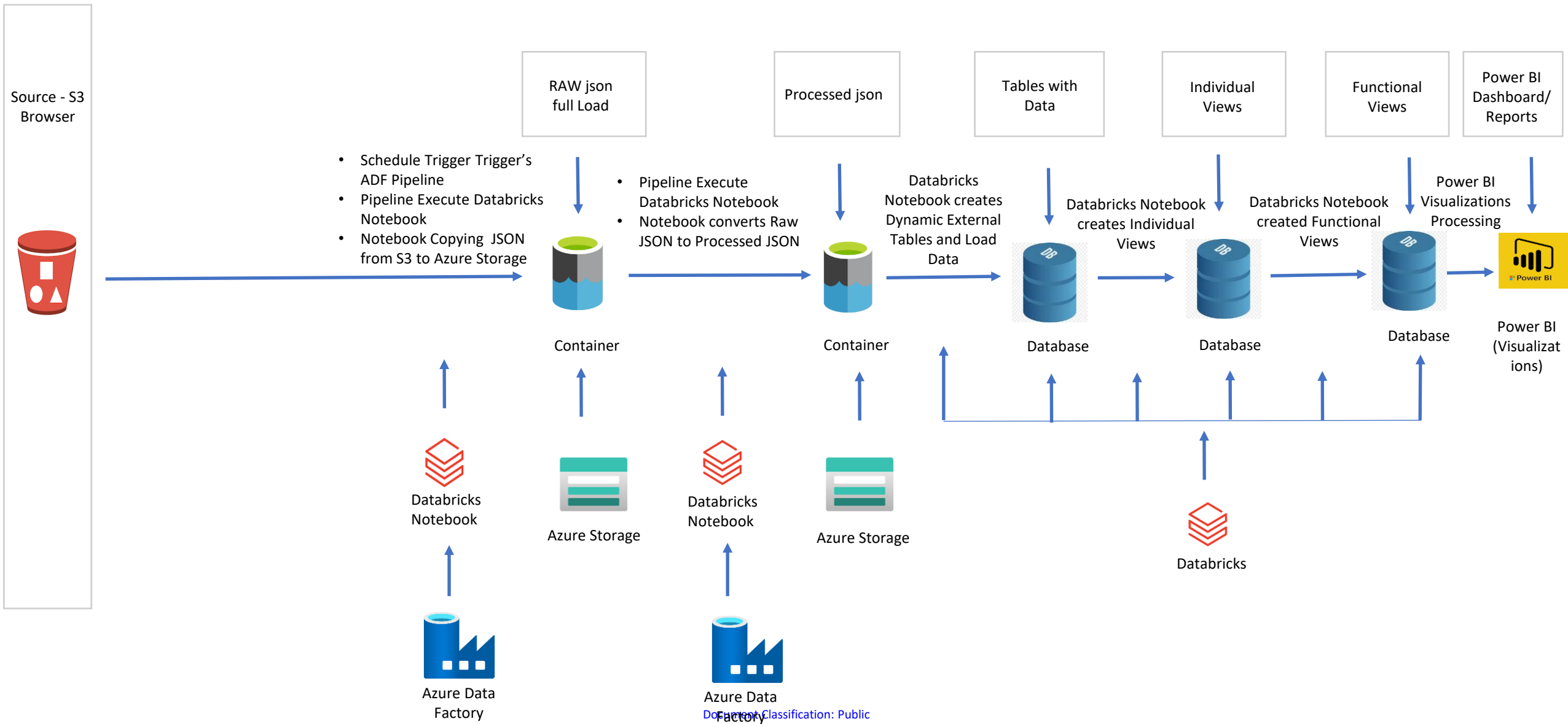


# Staffing Origin Dashboards

# Full Load Architecture





Source  
- S3  
Browser



Azure  
Data  
Factory



Output

Microsoft Azure | Data Factory | io-da-dev-ci-so-df

Search factory and documentation

chennakesava.avvaru@infoorigin.com

master branch | Validate all | Save all | Publish

Preview experience

PL\_SO\_FULL\_LOAD... | PL\_SO\_FULL\_LOAD...

Saved | Save as template | Validate | Debug | Add trigger

```
graph LR; GetMetadata[Get Metadata  
Get Table Names] --> ForEach[ForEach  
Ingest Each File  
Activities: 6  
Check if full load ... --> Set Table Name --> Copy AMS3 to ... --> Copy To Raw Folder --> ...]; ForEach --> Notebook[Notebook  
SO-FULL-LOAD-I...]; Notebook --> ExecutePipeline[Execute Pipeline  
PL-BACKUP-SO-A...  
PL_SO_BACKUP_S3_A...]; Notebook --> Lookup[Lookup  
MAIL_ID]; ExecutePipeline --> Web[Web  
MAIL_NOTIFICATI...]; Lookup --> Web;
```

The diagram illustrates an Azure Data Factory pipeline. It begins with a 'Get Metadata' activity (Get Table Names). This is followed by a 'ForEach' loop titled 'Ingest Each File', which contains six activities: 'Check if full load ...', 'Set Table Name', 'Copy AMS3 to ...', 'Copy To Raw Folder', and two additional activities indicated by a plus sign. The pipeline then proceeds to a 'Notebook' activity (SO-FULL-LOAD-I...). From the 'Notebook', the flow splits into two parallel paths: one leading to an 'Execute Pipeline' activity (PL-BACKUP-SO-A..., PL\_SO\_BACKUP\_S3\_A...) and another leading to a 'Lookup' activity (MAIL\_ID). Both paths converge at a 'Web' activity (MAIL\_NOTIFICATI...).



NB\_SO\_PY\_FULL\_LOAD\_DEV\_CURRENT\_RELEASE\_OLD02052023

Python

Run all

Terminated

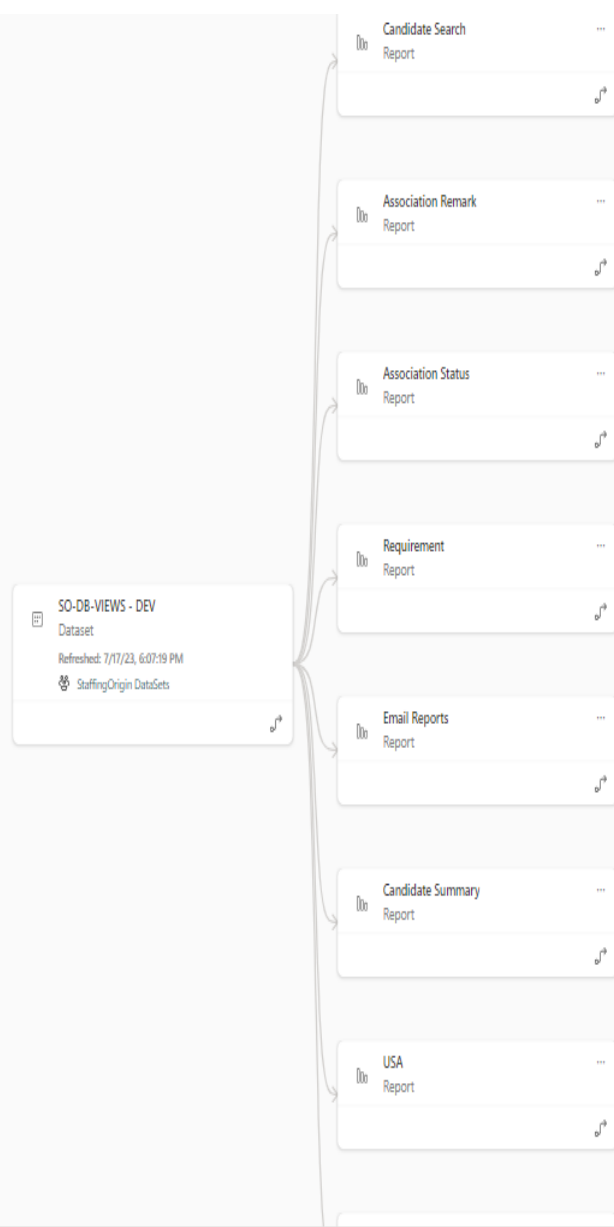
Schedule

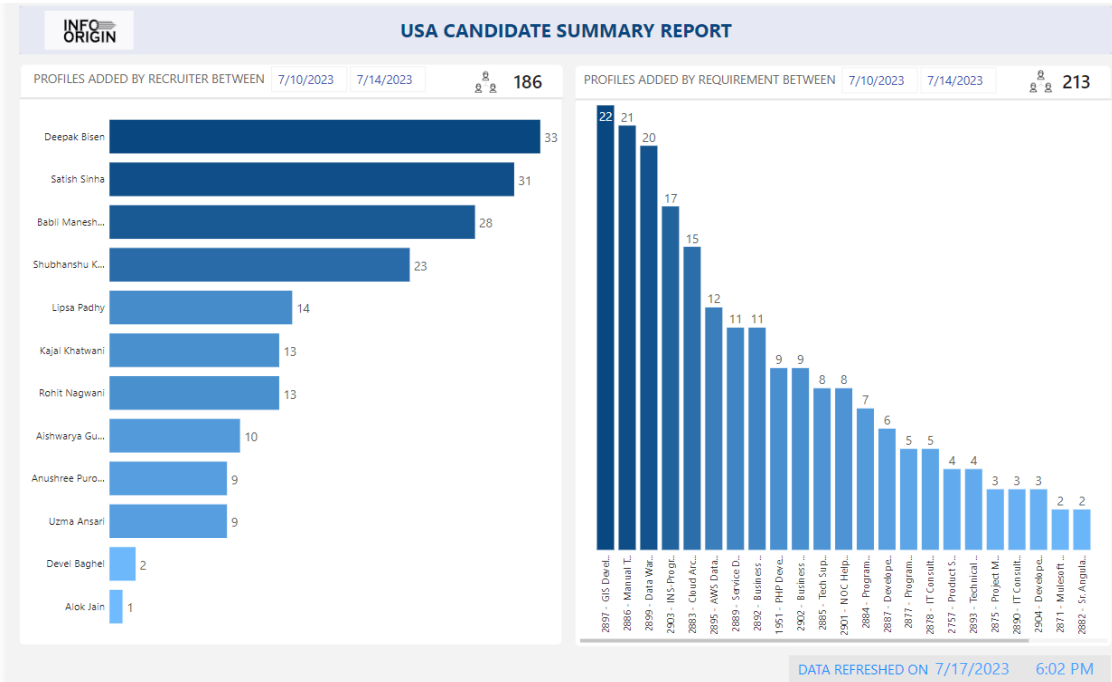
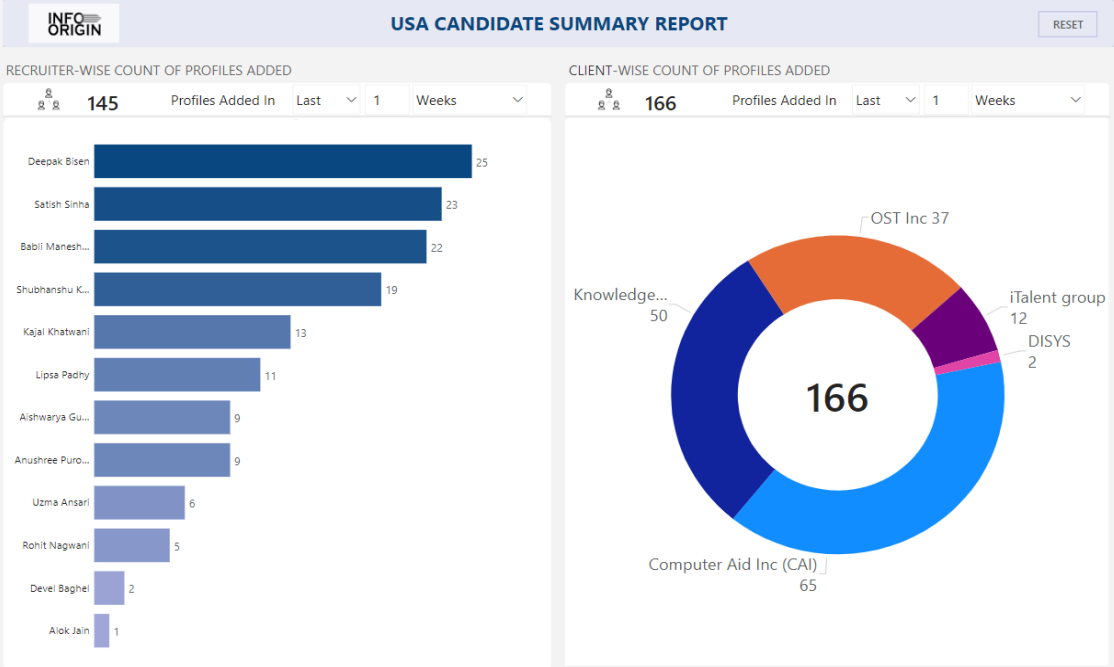
Share

File Edit View Run Help [Last edit was now](#) [Provide feedback](#)

Python

```
1 # Association Table
2 associationFlag = True
3 # association table
4 try:
5     associationDF = spark.read.parquet("/mnt/st3/staffing-origin-landing-zone/association/")
6
7 except AnalysisException as ae:
8     print("association folder is empty")
9     associationFlag = False
10 if (associationFlag):
11     associationDF.count()
12     associationDF.na.fill("")
13
14 # Convert to INT
15 associationDF = associationDF.withColumn("ASSOCIATION_ID", col("ASSOCIATION_ID").cast(IntegerType()))
16 # Convert columns to DateType
17 associationDF = associationDF.withColumn("AE_INSERT_TS", col("AE_INSERT_TS").cast(TimestampType()))
18 associationDF = associationDF.withColumn("AE_UPDATE_TS", col("AE_UPDATE_TS").cast(TimestampType()))
19 associationDF = associationDF.withColumn("CANDIDATE_START_TS", col("CANDIDATE_START_TS").cast(DateType()))
20 associationDF = associationDF.withColumn("CANDIDATE_END_TS", col("CANDIDATE_END_TS").cast(DateType()))
21 # Add date/year columns for partition
22 associationDF = associationDF.withColumn("DATE_COL",
23     current_timestamp()).withColumn("YEAR", year(col("DATE_COL")).cast(StringType()))
24
25 #Adding HASH key
26 associationDF= associationDF.withColumn("ROW_HASH", sha2(concat_ws("||", *associationDF.columns), 512))
27 # Write to Curated Folder
28 associationDF.coalesce(1).write.partitionBy("year").mode("append").format("delta").save("/mnt/st3/staffing-origin-processed/association/")
29 #display(association_incremental_df)
30
```





STAFFING ORIGIN

CANDIDATE SEARCH REPORT

RESET

0 47 Experience 9/25/2017 7/14/2023 Profile Added Date

TOTAL PROFILES 31271

Candidate Name	State	Work Authoriz...	Mobile Number	Latest Association Status	Latest Association Remark	Link...	Email	What...
Antalin Sathiaraj.Dev...	Virginia	H4 EAD	+15715233857	Lead Recruiter Review Pending ...	35024 - 1)Local to Ashbu...			
Anirudh Reddy	Virginia	Green Card	+15024272113	Waiting-For-Evaluation by Kaja...				
Richard Rhemer	Virginia	US Citizen	+15616324208	Attempted To Contact by Anus...	35020 - Email, Text,Call. o...			
Nageswara Tadela	Michigan	Not Known		Waiting-For-Evaluation by Dee...	35019 - Contacted Linke...			
Damian Larue	Virginia	Not Known	+16074814733	Attempted To Contact by Anus...	35018 - Text, call, Email. ...			
Brandon Jamar Saun...	Virginia	US Citizen	+18043162961	Candidate Not Available by An...	35017 - Not looking for ...			
Rutvik Ahire	Michigan	H1B	+17328130249	Candidate Not Available by Ais...	35016 - Not looking for c...			
Praneeth Penumarthi	New Jersey	H1B	+16468444759	Client Review Pending by Babli...	35013 - Alok found him s...			
Venkata Pulagam	Michigan	H1B	+17349272666	Contact in Future Position by A...	35012 - Expecting High 8...			
Tarun Reddy Barugu	Illinois	Green Card	+18176778519	Lead Recruiter Review Pending ...	35011 - He is ready for 1...			
Sai Sathvik Veeravelly	Ohio	Green Card	+17033177032	Attempted To Contact by Lipsa...				
Amruta Moorashillin	Michigan	EAD	+12488259246	Attempted To Contact by Aish...	35009 - Sent email, text ...			
Viharika C	Michigan	H1B	+14693103468	Attempted To Contact by Aish...	35008 - Sent email, text ...			
Gandi Mohamed	Michigan	US Citizen	+15173033033	Attempted To Contact by Deep...	35007 - Called him but it...			
Daniel Locklin	Virginia	US Citizen	+15406329738	Waiting-For-Evaluation by Shu...	35006 - Done with the ra...			
Sai Pavan	Oklahoma	H1B	+12315776569	Client Review Pending by Lipsa...	35004 - Approved By Alo...			
George Dondapati	Texas	H1B	+14698783253	Rejected By Recruiter by Babli ...	35003 - Not local to Ohi...			
Manikandan Ravi	Michigan	Not Known	+14243219374	Attempted To Contact by Deep...	35002 - Called him but it...			

INFO ORIGIN

VONAGE CALLS REPORT

12-01-2023 - 16-07-2023

9065

17893

27031

20673

3961

516

1851

30

INBOUND

OUTBOUND

TOTAL

ANSWERED

MISSED

ATTEMPTED

VOICEMAIL

BLOCKED

USER-WISE COUNT OF ANSWERED CALLS AND THEIR TOTAL DURATION (IB = INBOUND, OB = OUTBOUND)

USER	1	2	3	4	5	6
Aishwarya Gupta	IB-03 00:07, OB-69 00:29	IB-05 00:03, OB-41 00:53	IB-04 00:09, OB-109 02:20	IB-02 00:02, OB-16 00:09	IB-03 00:07, OB-60 00:40	IB-05 00:24, OB-48 00:29
Alok Jain	OB-03 00:04	IB-04 00:03, OB-09 00:29	IB-09 00:15, OB-07 00:06	OB-04 00:00	IB-01 00:01, OB-12 00:10	IB-03 00:04, OB-07 00:10
Anushree Purohit	IB-02 00:03, OB-86 00:50	IB-05 00:14, OB-114 01:28	IB-05 00:15, OB-80 00:55	IB-01 00:03, OB-68 00:45	IB-01 00:01, OB-80 00:39	IB-02 00:03, OB-117 01:14
Babli Maneshwar	IB-01 00:03, OB-13 00:27	IB-04 00:02, OB-16 00:30	IB-05 00:13, OB-48 00:50	IB-05 00:21, OB-28 00:20	IB-02 00:08, OB-37 00:37	IB-05 00:12, OB-49 00:58
Deepak Bisen	IB-07 00:26, OB-73 00:53	IB-05 00:06, OB-71 00:56	OB-66 01:04	IB-03 00:07, OB-32 00:35	IB-02 00:03, OB-79 01:10	IB-05 00:12, OB-71 01:26
Devel Baghel	IB-01 00:02, OB-19 00:12	IB-01 00:06, OB-34 00:23	IB-03 00:02, OB-48 00:29	IB-08 00:11, OB-37 00:25	IB-01 00:01, OB-21 00:15	IB-01 00:05, OB-11 00:19
Ghana Praskah	IB-03 00:02		IB-01 00:00		IB-02 00:02	IB-02 00:00
Info Origin	IB-06 00:10, OB-38 00:26	IB-14 00:19, OB-72 01:00	IB-19 00:20, OB-73 01:15	IB-05 00:11, OB-24 00:20	IB-16 00:13, OB-106 00:45	IB-18 00:29, OB-122 01:58
Main Auto Attendant	IB-07 00:01	IB-12 00:05	IB-18 00:17	IB-02 00:00	IB-02 00:00	IB-12 00:09
Naveen Kumar		IB-01 00:06, OB-01 00:00	IB-01 00:01, OB-07 00:16		IB-01 00:01, OB-05 00:04	IB-04 00:06, OB-07 00:05
Nitin Kumar	IB-06 00:11, OB-14 00:14	IB-10 00:09, OB-44 00:34	IB-16 00:20, OB-30 00:31	IB-08 00:12, OB-06 00:03	IB-05 00:02, OB-19 00:20	IB-08 00:07, OB-35 00:28
Pankaj Bhojwani	OB-03 00:10	IB-01 00:01	IB-02 00:12, OB-01 00:01	IB-02 00:06	IB-01 00:01, OB-02 00:03	IB-03 00:04, OB-01 00:00
Prashant Kedambady	IB-03 00:01, OB-06 00:05	IB-02 00:26, OB-02 00:03	IB-02 00:03			OB-02 00:05
Preeti Chauhan		IB-01 00:00				
Satish Sinha	IB-07 00:16, OB-42 00:43	IB-11 00:42, OB-53 00:44	IB-19 00:33, OB-78 01:30	OB-35 00:33	IB-19 00:31, OB-72 01:13	IB-20 00:38, OB-92 01:22
Uzma Ansari	IB-07 00:21, OB-15 00:23	IB-04 00:12, OB-24 00:23	IB-11 00:30, OB-103 01:32	IB-03 00:04, OB-16 00:12	IB-14 00:40, OB-21 00:34	IB-15 00:26, OB-66 00:55
Total	IB-53 01:49, OB-381 05:01	IB-79 02:40, OB-481 07:27	IB-116 03:15, OB-650 10:54	IB-39 01:22, OB-266 03:25	IB-70 01:57, OB-514 06:34	IB-103 03:05, OB-628 09:34