



STATISTICS INDONESIA

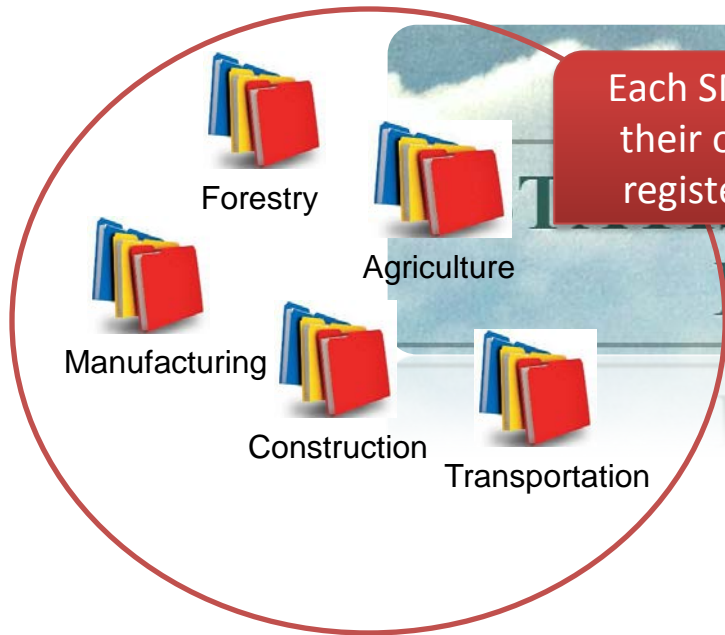
The Agent Of Trustworthy
Statistical Data
For All

The Design and Implementation of Statistical Business Register (SBR) System of BPS










Introduction



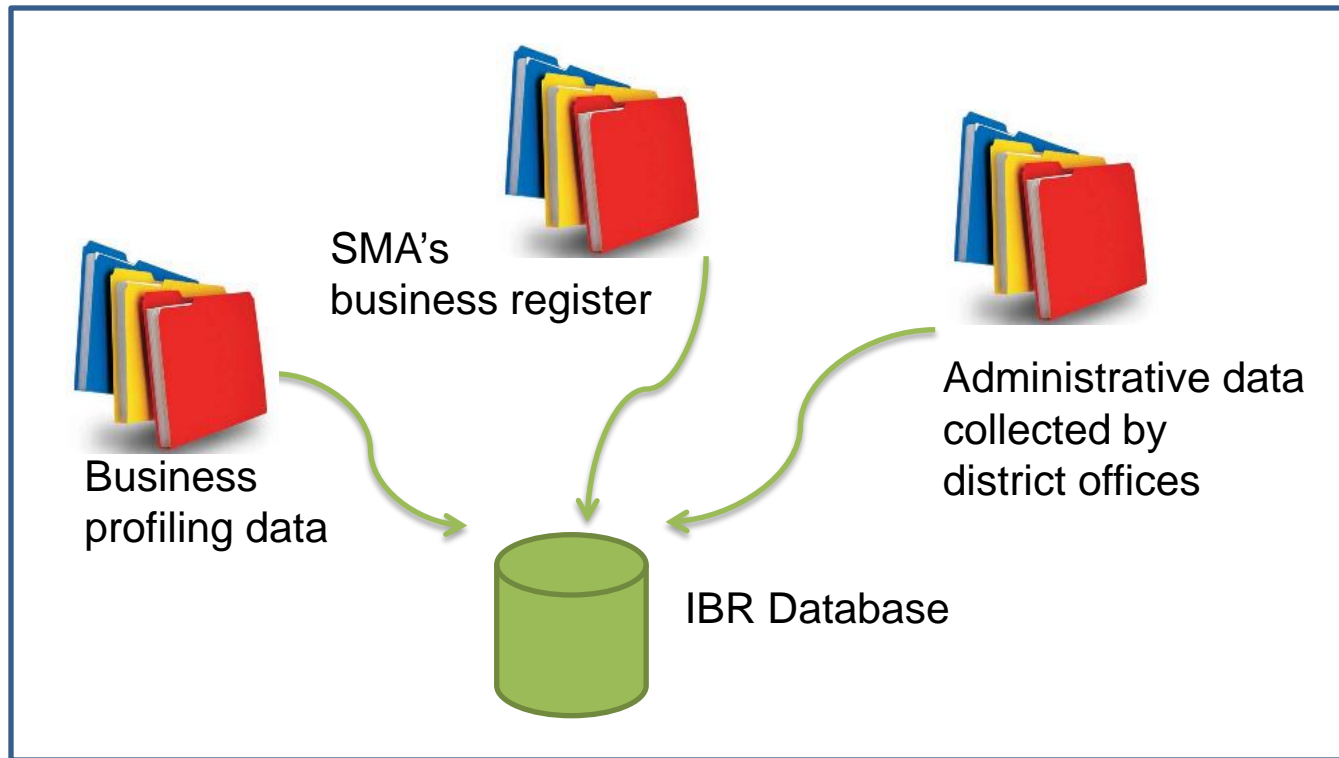
Each SMA maintains their own business register separately

There is no a common frame

-  Response burden increase
-  Response rate decrease
-  Survey cost and effort increase
-  Difficult to harmonize survey
-  Difficult to integrate the survey data



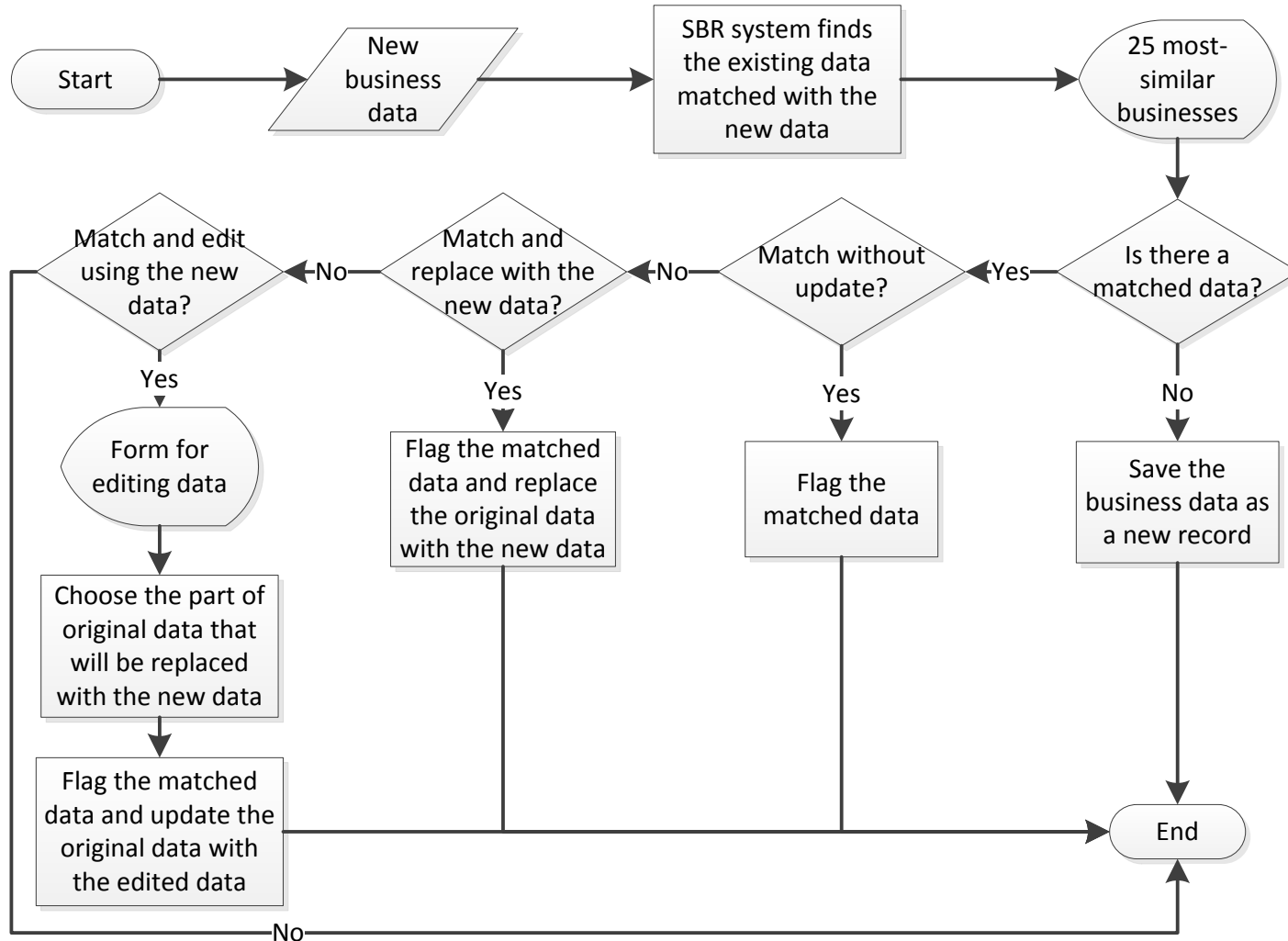
Matching Feature



Since currently there is **no a single unique business identifier** in Indonesia, the updating process includes **business matching based on business names and addresses**. The matching process is necessary because we need to **avoid data duplication** in the SBR database.



Matching: Design





Matching: Implementation (1)

Similar Companies from Search Results (Category: G)

Matched: 15467 Not Matched: 1 Skipped: 13946 Remained: 1540

New Company File: SE2016-DPS-NJA-3271.xlsx Uploader: Sri Utami

1. Company Name: **IGA BAKAR MANG UCOK**
2. Commercial Name: **IGA BAKAR MANG UCOK**
3. Address: **JL. KESEMEK NO 99/2**
4. Village:
5. District:
6. Regency: **71 (BOGOR)**
7. Province: **32 (JAWA BARAT)**
8. Country: **138 (INDONESIA)**
9. Category: **I (Penyediaan Akomodasi Dan Penyediaan Makan Minum)**
10. KBLI: **56101 (Restoran)**
11. Statistical Unit: **Establishment**

Company 29414 from 15487

[Detail](#) [Skip](#) [Not Match](#)

SBR Companies (Search Results) Same Name: 0

1. Company Name: **IGA BAKAR MANG UCO**
2. Commercial Name: **IGA BAKAR MANG UCO**
3. Address: **Jl. Kesemek No 99 - 2**
4. Village: **006 (SEMPUR)**
5. District: **040 (BOGOR TENGAH)**
6. Regency: **71 (BOGOR)** ✓
7. Province: **32 (JAWA BARAT)** ✓
8. Country: **138 (INDONESIA)** ✓
9. Category: **I (Penyediaan Akomodasi Dan Penyediaan Makan Minum)** ✓
10. KBLI:
11. Statistical Unit: **Establishment** ✓

id: 94670974 Rank 1 of 25

[Detail](#) [<<](#) [>>](#) [Keep](#) [Replace](#) [Edit](#)

Fictitious
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Matching: Implementation (2)

Save with Edit

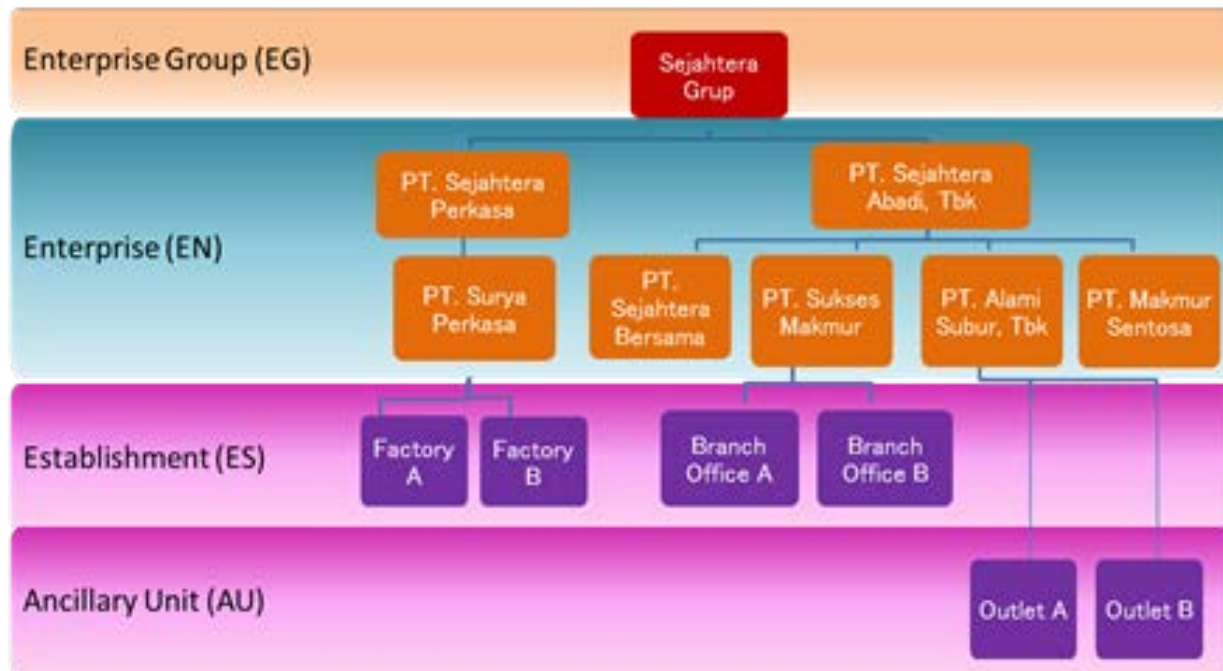
SBR Company		New Company	
1. Company Name *	: IGA BAKAR MANG UCO	IGA BAKAR MANG UCOK	<input type="button" value="Replace"/>
2. Commercial Name	: IGA BAKAR MANG UCO	IGA BAKAR MANG UCOK	<input type="button" value="Replace"/>
3. Statistical Unit	: [es] Establishment	[es] Establishment	
4. Alive Status	: --Pilih Status--		
5. Address *	: JL. KESEMEK NO 99/2	JL. KESEMEK NO 99/2	<input type="button" value="Cancel"/>
6. Country	: [138] INDONESIA	[138] INDONESIA	
7. Province *	: [32] JAWA BARAT	[32] JAWA BARAT	
8. Regency *	: [71] BOGOR	[71] BOGOR	
9. District	: [040] BOGOR TENGAH		
10. Village	: [006] SEMPUR		
11. Census Block			

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Relating Feature

The construction of business hierarchy in BPS SBR system is done in a **top-down fashion**. Therefore, first the profilers must seek the parent business then seek its subsidiaries and construct the hierarchy up to the smallest level.





Relating: Implementation

Relating: Select The Parent Company

Company Name:
Address:
Province:
Regency:
Statistical Unit:
KBLI:
 Find using ID SBR

ID SBR	Company Name	Commercial Name	Address	Regency	Province	Info	Statistical Unit	Action
1 94	PT Lion Indonesia			[73] JAKARTA PUSAT	[31] DKI JAKARTA		Enterprise	<input checked="" type="checkbox"/>
				[72]	[31] DKI	Waiting for		<input checked="" type="checkbox"/>

Relating: Find The Subsidiaries

Company Name:
Address:
Province:
Regency:
Statistical Unit:
KBLI:

Subsidiaries

Parent Company

- Company Name: PT. Lion Indonesia
- Commercial Name: Lion
- Address:
- Village: 005 (PETOJO UTARA)
- District: 080 (GAMBIR)
- Regency: 73 (JAKARTA PUSAT)
- Province: 31 (DKI-JAKARTA)
- Country: 138 (INDONESIA)

96	18	Lion	Lion	[01] BOGOR	[32] JAWA BARAT	Establishment	<input type="checkbox"/>
97	94	Lion	Lion	[01] BOGOR	[32] JAWA BARAT	Establishment	<input type="checkbox"/>
98	18	Lion	Lion	[01] BOGOR	[32] JAWA BARAT	Establishment	<input type="checkbox"/>
99	94	Lion Indo 1	Lion Indo	Jl. Raya Km 37	[01] BOGOR	[32] JAWA BARAT	Establishment <input checked="" type="checkbox"/>
100	94	Lion Indo 2	Lion Indo	Jl. Raya Km 86	[01] BOGOR	[32] JAWA BARAT	Establishment <input checked="" type="checkbox"/>

Note:
Enterprise Group: Enterprise: Establishment: Selected Company:
! Not approved yet | |

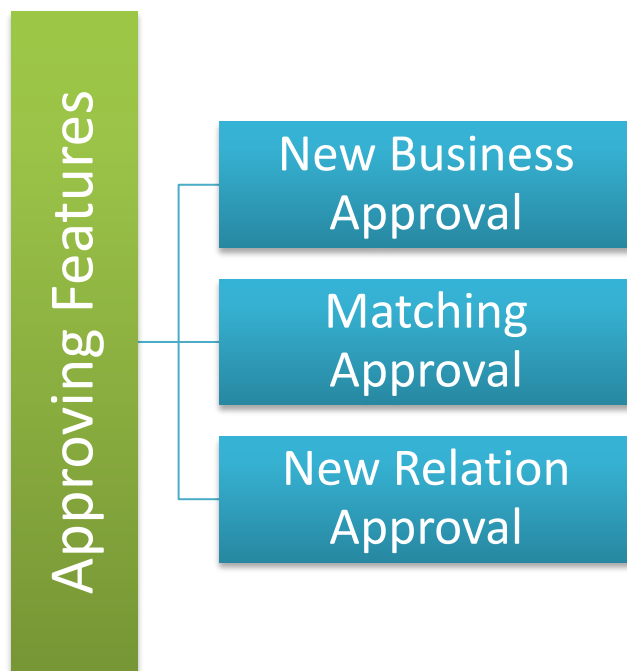
```
graph TD; LG[Lion Group] --> PTJ[PT Jaguar Indonesia]; LG --> PTL[PT Lion Indonesia]; LG --> PTT[PT Tiger Indonesia]; LG --> PTE[PT Eagle Indonesia]; PTL --> LI1[Lion Indo 1]; PTL --> LI2[Lion Indo 2];
```




Approving Feature

To ensure the quality of the matching and relating (profiling) results, the SBR staffs/profilers are assigned one of the following roles: *operator* and *supervisor*.

- ✓ The operator does the business matching and business relating
- ✓ The supervisor approves or rejects the matching and relating results





Approving: New Business

List of New Companies

Search :

Company Name ▾

	Company Name	Address	Main Activity	KBLI	Action
<input type="checkbox"/>	1 CV. Pelangi (ID: 9981)	Kp. Indah No. 55, PURWAKARTA [14], JAWA BARAT [32]	Event Organizer		   
<input type="checkbox"/>	20 Tera Sera Service (ID: 55678)	Kp. Langsep RT 001/006, PURWAKARTA [14], JAWA BARAT [32]	Servicing, Repair and Calibration for Weighing Scales		   

Select All

Approve All

Reject All

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Approving: Matched Business (1)

The company must be approved



Approved: 288780 Remained: 245

2 matched company(s) ID 94910596 (diedit) ▼

Skip

Select Changes

SBR Companies (DIEDIT)

1. Company Name: **PT. Five Stars** (edited into: **FIVE STARS**)
2. Commercial Name: **PT. Five Stars**
3. Address: **Grand Wijaya Blok A No. 44 Jl. Wijaya IV Pulo Jakarta Selatan** (edited into: **jl. wijaya iv grand wijaya blok a no. 44 kel. pulo kec. kebayoran baru**)
4. Rt:
5. Rw:
6. Census Block:
7. Village:
8. District:
9. Regency: **71 JAKARTA SELATAN**
10. Province: **31 DKI JAKARTA**
11. Country: **138 INDONESIA**
12. Kode PosPost Code:
13. Area Code:
14. Phone: **02177772456**

New Company (ID 94910596)

1. Company Name: **FIVE STARS**
2. Commercial Name:
3. Address: **jl. wijaya iv grand wijaya blok a no. 44 kel. pulo kec. kebayoran baru**
4. Rt:
5. Rw:
6. Census Block:
7. Village:
8. District:
9. Regency: **71 JAKARTA SELATAN**
10. Province: **31 DKI JAKARTA**
11. Country: **138 INDONESIA**
12. Post Code:
13. Area Code:
14. Phone:

Fictitious
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Data



Approving: Matched Business (2)

Select Changes

If you want to make changes to the SBR company data, select a new data to be used. If you do not want to make changes, no need to choose.

	SBR Company	New Company	
		ID 94	ID 94
1. Company Name	PT. Five Stars	PT. Five Stars	<input type="radio"/> <u>FIVE STARS</u>
2. Commercial Name	FIVE STARS	FIVE STARS	<input type="radio"/>
3. Address	Grand Wijaya Blok A No. 44 Jl. Wijaya IV Pulo Jakarta Selatan	<input type="radio"/> Grand Wijaya Blok A No. 44 Jakarta Selatan	<input type="radio"/> jl. wijaya iv grand wijaya blok a no. 44 kel. pulo kec. kebayoran baru
4. Rt			
5. Rw			
6. Census Block			
7. Village			
8. District			
9. Regency	71 JAKARTA SELATAN	71 JAKARTA SELATAN	71 JAKARTA SELATAN
10. Province	31 DKI JAKARTA	31 DKI JAKARTA	31 DKI JAKARTA

Fictitious
Business
Data



Approving: New Relation

List of Relations

Search :

	Company Name	Province	Regency	Address	Parent Company	Action
1	PT. Merdeka Visual 966554	[31] DKI JAKARTA		Merdeka Barat No. 45 Kebayoran Baru Jakarta	PT. Merdeka Group 875966	  
10	Rafflesia Advertising, CV 936541	[17] BENGKULU		Jl. Mahakam Raya No. 9 Bengkulu	PT. Rafflesia Group 875965	  

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Last



Conclusion

- The three features have been extensively used by more than 940 BPS SBR staffs scattered throughout the districts.
- The matching and approving features have been used to match and approve around 944 K businesses by those staffs.
- A total of 606 K new businesses were obtained from the matching process, and many data from the matched businesses was used to update the existing business data.
- There are 27 K business that has been related by the profiler team using the relating feature.



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Thank You

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Badan Pusat Statistik (Page)



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