

Hackathon MAMPU 2018

Kumpulan: Kappa Jr. (Universiti Malaya)

Pernyataan Masalah	One of the funds that are distributed, Program Bantuan Ru..	Program Bantuan Rumah (PBR) 2014	Type of funds given	Isu untuk mengenalpasti rakyat yang telah menerima ..	Statistics shown that the collection of zakat every year is increasi..	However, there is an issue on data inconsistent on differ..	Kedah dan Wilayah Persekutuan, 2014
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B40: Smart Identification and Verification

Problem Statement:

1. Identify B40 group including vulnerable group which will aid our government in distributing the funds and recording the details of transactions.
2. Resolve data inconsistent problem among different data providers. For instances, different government agency.

K	Terengganu has
e.	consistent in data
.	with different data s..

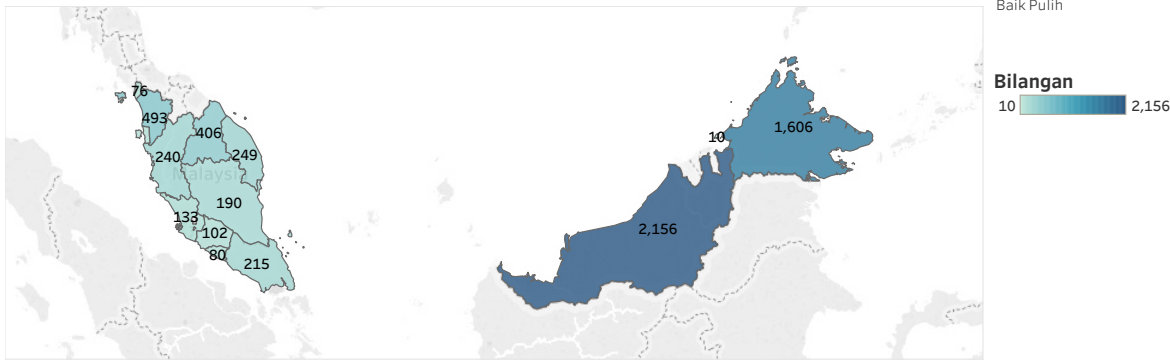
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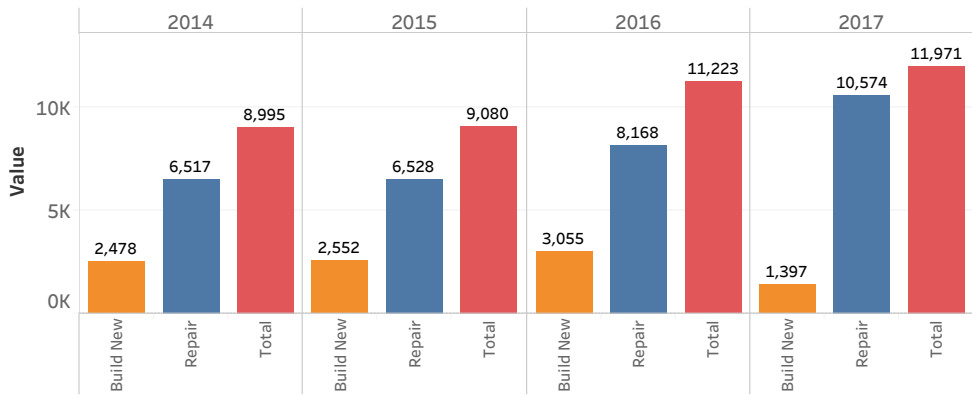
Distribution of Recipient for Program Bantuan Rumah (PBR) 2014 - 2017 based on State

Data sources: <http://www.data.gov.my>



Program Bantuan Rumah (PBR) 2014 - 2017 Malaysia

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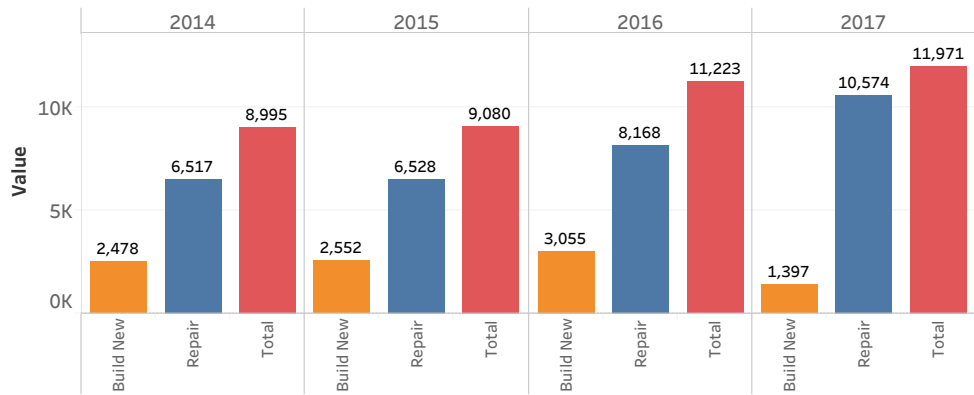
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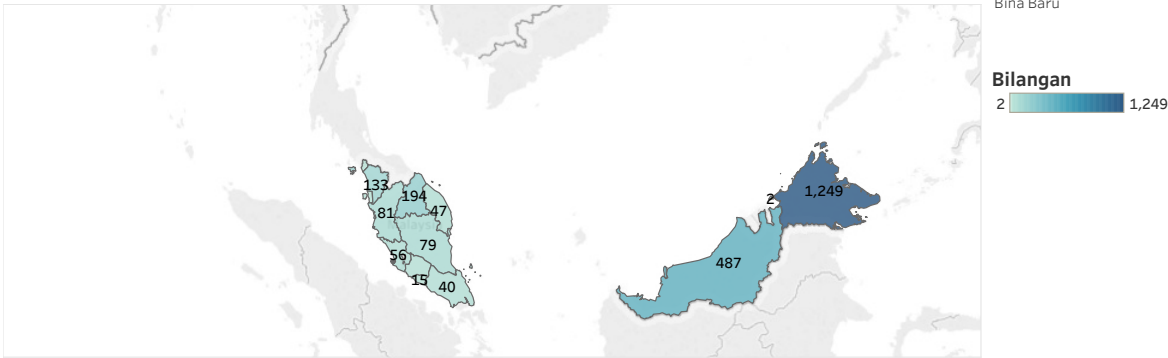
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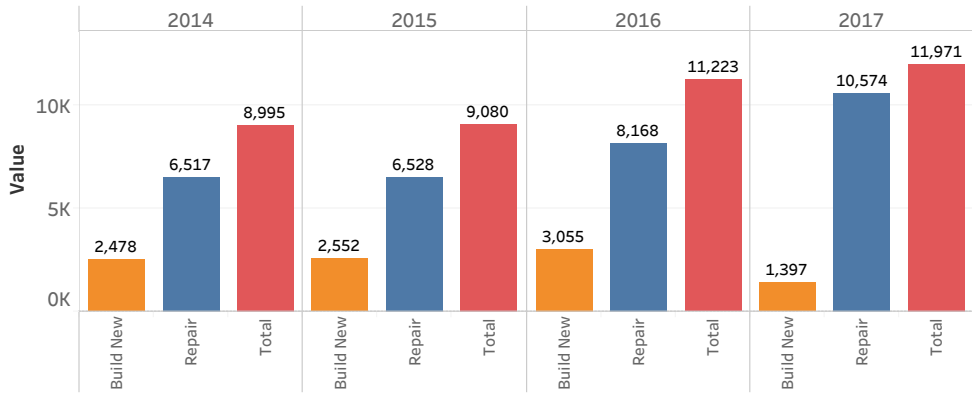
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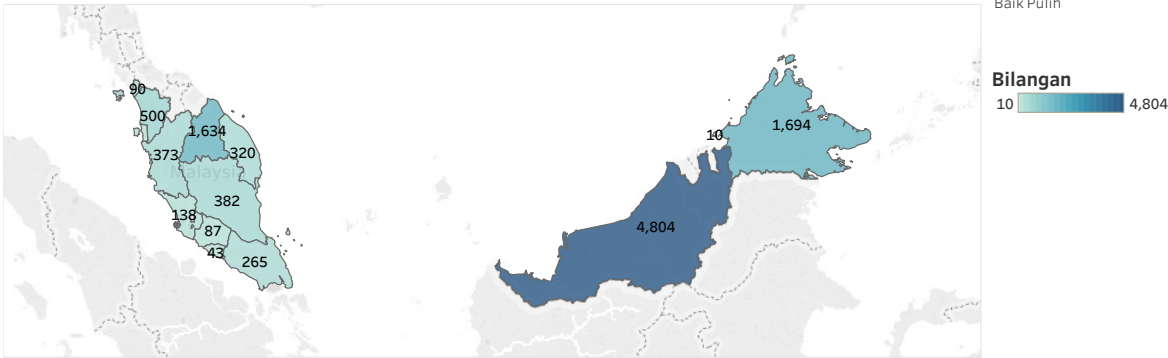
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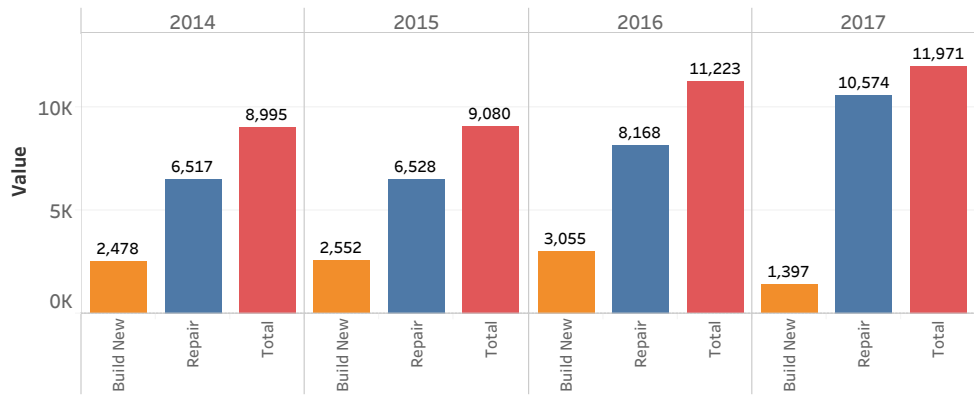
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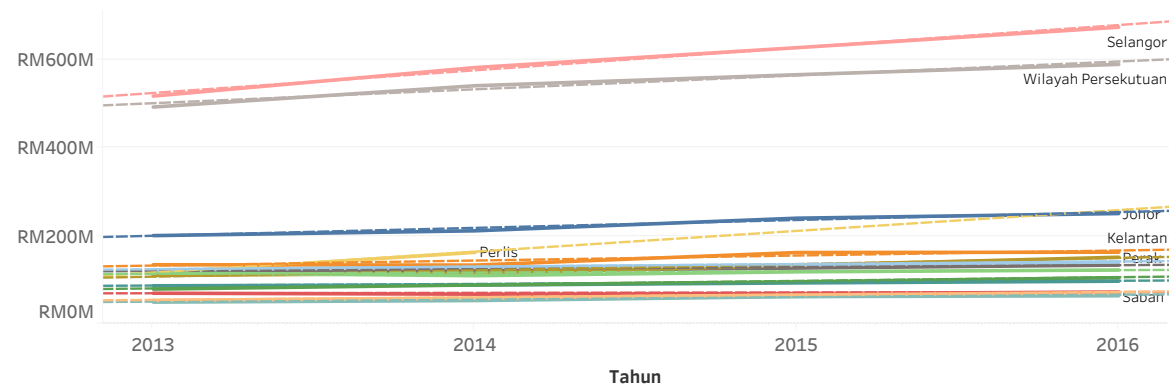
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Statistic Collection for Zakat Group by State

Data Sources: Jabatan Wakaf, Zakat dan Haji (JAWHAR)



Statistic Collection of Zakat by State

Data sources: Jabatan Wakaf, Zakat dan Haji (JAWHAR)

Negeri	
Johor	RM200,315,383.74
Kedah	RM122,666,747.12
Kelantan	RM134,150,726.83
Melaka	RM53,106,623.54
Negeri Sembilan	RM78,853,814.12
Pahang	RM115,826,642.24
Perak	RM109,825,143.00
Perlis	RM115,049,928.00
Pulau Pinang	RM86,359,640.13
Sabah	RM49,219,209.48
Sarawak	RM69,462,067.00
Selangor	RM517,305,275.00
Terengganu	RM120,881,661.74
Wilayah Persekutuan	RM492,402,029.53



Statistic Collection of Zakat by State

Data sources: <http://www.data.gov.my> & Buku Laporan Pungutan Zakat MAIWP

Negeri	
Wilayah Persekutuan	RM484,632,029.53



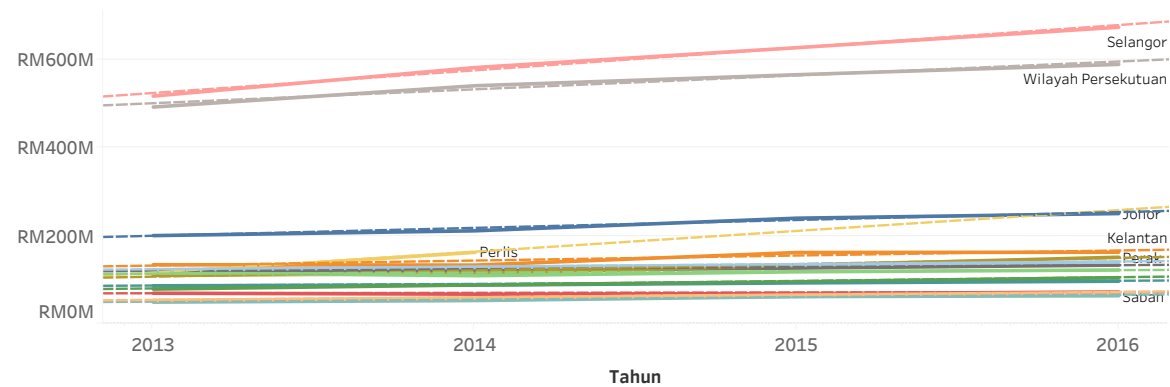
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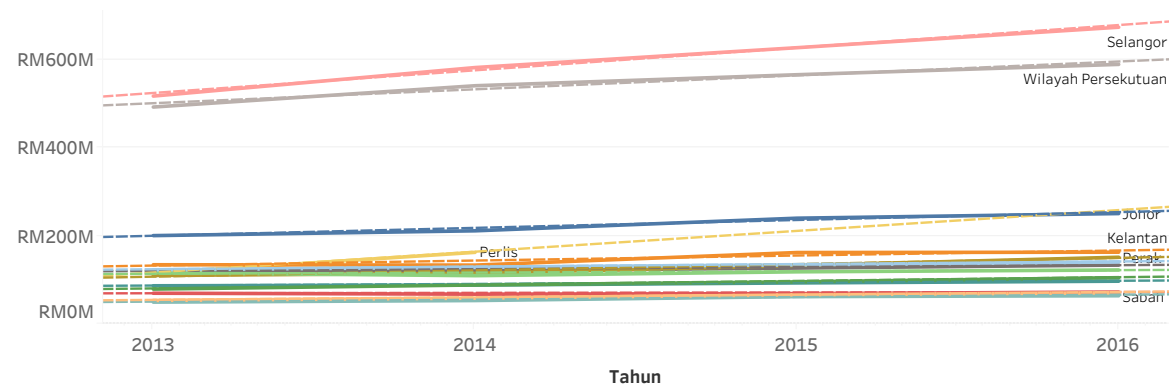


Proposed Solution

Program Bantuan Rumah (PBR) 2014	Type of funds given	Isu untuk mengenalpasti rakyat yang telah menerima ..	Statistics shown that the collection of zakat every year is increasi..	However, there is an issue on data inconsistent on differ..	Kedah dan Wilayah Persekutuan, 2014	Terengganu has consistent in data with different data sources.	Kedah dan Wilayah Persekutuan, 2016
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Negeri	
Johor	RM211,218,871.25
Kedah	RM128,400,303.04
Kelantan	RM133,321,295.88
Melaka	RM58,280,964.15
Negeri Sembilan	RM88,200,428.43
Pahang	RM109,325,106.94
Perak	RM114,588,531.29
Perlis	RM162,327,654.00
Pulau Pinang	RM87,935,987.80
Sabah	RM52,829,145.28
Sarawak	RM67,319,511.00
Selangor	RM582,120,473.00
Terengganu	RM120,116,379.60
Wilayah Persekutuan	RM540,795,062.34



Statistic Collection of Zakat by State

Data sources: <http://www.data.gov.my> & Buku Laporan Pungutan Zakat MAIWP

Negeri	
Kedah	RM134,182,926.00
Wilayah Persekutuan	RM532,915,062.34



Proposed Solution

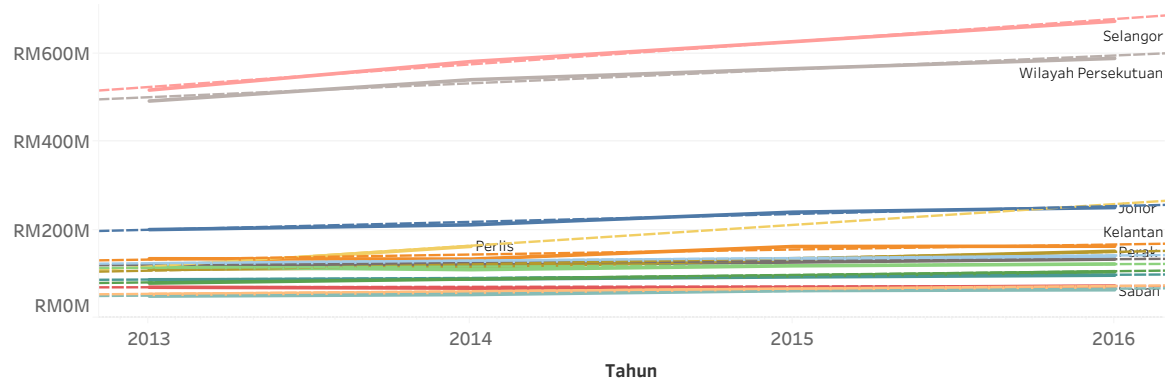
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Negeri

Johor	RM239,931,006.61
Kedah	RM133,954,548.76
Kelantan	RM161,908,949.42
Melaka	RM65,968,448.90
Negeri Sembilan	RM95,247,317.97
Pahang	RM118,082,517.70
Perak	RM132,584,966.22
Perlis	
Pulau Pinang	RM92,844,818.96
Sabah	RM61,795,695.17
Sarawak	RM68,573,996.00
Selangor	RM627,225,101.00
Terengganu	RM126,639,148.45
Wilayah Persekutuan	RM565,830,672.18

Tahun
☐ 2013
☐ 2014
☒ 2015
☐ 2016

Statistic Collection of Zakat by State

Data sources: <http://www.data.gov.my> & Buku Laporan Pungutan Zakat MAIWP

Negeri

Kedah	RM140,388,437.00
Terengganu	RM126,639,148.45
Wilayah Persekutuan	RM557,643,738.18

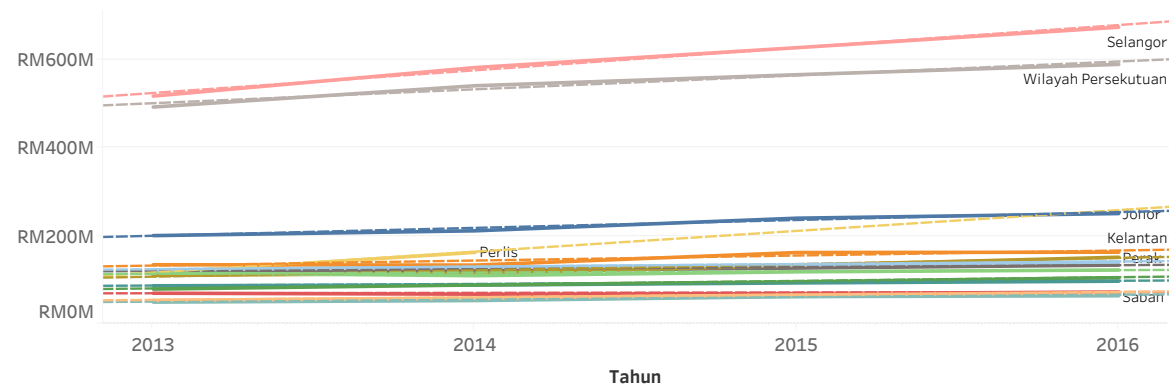
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Proposed Solution

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Statistic Collection of Zakat by State

Data sources: Jabatan Wakaf, Zakat dan Haji (JAWHAR)

Negeri	
Johor	RM250,436,479.19
Kedah	RM140,448,128.00
Kelantan	RM162,678,760.00
Melaka	RM70,537,675.73
Negeri Sembilan	RM104,760,388.36
Pahang	RM122,248,982.33
Perak	RM151,181,069.12
Perlis	
Pulau Pinang	RM96,781,464.11
Sabah	RM63,704,056.64
Sarawak	RM72,082,740.00
Selangor	RM673,736,282.00
Terengganu	RM133,360,064.38
Wilayah Persekutuan	RM589,296,523.84

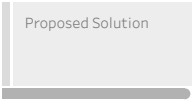


Statistic Collection of Zakat by State

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Negeri	
Kedah	RM148,185,655.00
Wilayah Persekutuan	RM580,690,160.84





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Solution idea:

Using blockchain technology to create a decentralised system which aim to record every transaction. For instances, every funds that are given to each people are recorded on IC number. Data that are stored on blockchain are transparent and cannot be tampered.

