

Exploratory

Rizal Mujahiddan

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Introduction

Data Awal

	age	bmi	elective_surgery	ethnicity	gender	height	icu_admit_source	icu_stay_type	icu_type
1	68	22.73	0	Caucasian	M	180.3	Floor	admit	CTICU
2	77	27.42	0	Caucasian	F	160	Floor	admit	Med-Surg ICU
3	25	31.95	0	Caucasian	F	172.7	Accident & Emergency	admit	Med-Surg ICU
4	81	22.64	1	Caucasian	F	165.1	Operating Room / Recovery	admit	CTICU
5	19	27.65465458	0	Caucasian	M	188	Accident & Emergency	admit	Med-Surg ICU
6	67	27.56	0	Caucasian	M	190.5	Accident & Emergency	admit	Med-Surg ICU

Jika anda menghitungnya, maka tabel ini memiliki 78 kolom dan kira kira 91713 baris.

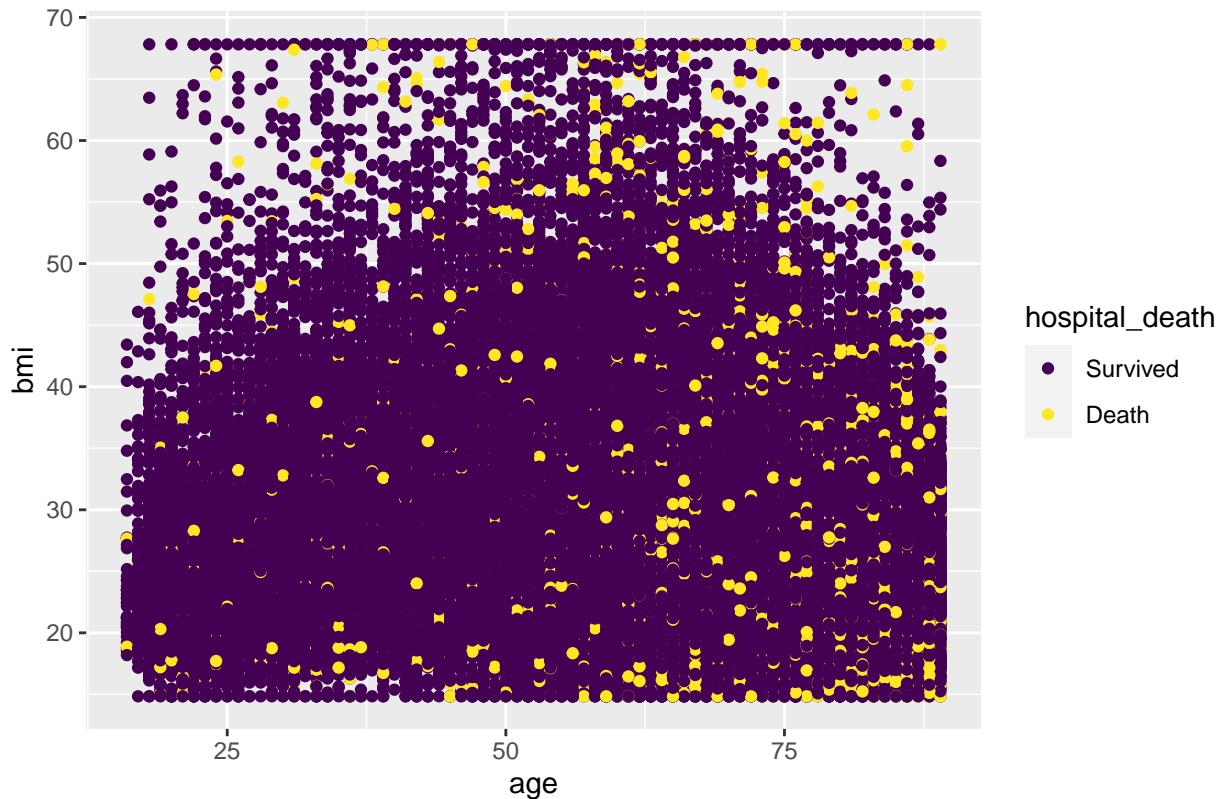
```
## [1] "age"                                "bmi"
## [3] "elective_surgery"                      "ethnicity"
## [5] "gender"                               "height"
## [7] "icu_admit_source"                     "icu_stay_type"
## [9] "icu_type"                            "pre_icu_los_days"
```

```

## [11] "weight"
## [13] "apache_3j_diagnosis"
## [15] "arf_apache"
## [17] "gcs_motor_apache"
## [19] "gcs_verbal_apache"
## [21] "intubated_apache"
## [23] "respirate_apache"
## [25] "ventilated_apache"
## [27] "d1_diasbp_min"
## [29] "d1_diasbp_noninvasive_min"
## [31] "d1_heartrate_min"
## [33] "d1_mbp_min"
## [35] "d1_mbp_noninvasive_min"
## [37] "d1_respirate_min"
## [39] "d1_spo2_min"
## [41] "d1_sysbp_min"
## [43] "d1_sysbp_noninvasive_min"
## [45] "d1_temp_min"
## [47] "h1_diasbp_min"
## [49] "h1_diasbp_noninvasive_min"
## [51] "h1_heartrate_min"
## [53] "h1_mbp_min"
## [55] "h1_mbp_noninvasive_min"
## [57] "h1_respirate_min"
## [59] "h1_spo2_min"
## [61] "h1_sysbp_min"
## [63] "h1_sysbp_noninvasive_min"
## [65] "d1_glucose_min"
## [67] "apache_4a_icu_death_prob"
## [69] "cirrhosis"
## [71] "hepatic_failure"
## [73] "leukemia"
## [75] "solid_tumor_with_metastasis"
## [77] "apache_2_bodysystem"
"apache_2_diagnosis"
"apache_post_operative"
"gcs_eyes_apache"
"gcs_unable_apache"
"heart_rate_apache"
"map_apache"
"temp_apache"
"d1_diasbp_max"
"d1_diasbp_noninvasive_max"
"d1_heartrate_max"
"d1_mbp_max"
"d1_mbp_noninvasive_max"
"d1_respirate_max"
"d1_spo2_max"
"d1_sysbp_max"
"d1_sysbp_noninvasive_max"
"d1_temp_max"
"h1_diasbp_max"
"h1_diasbp_noninvasive_max"
"h1_heartrate_max"
"h1_mbp_max"
"h1_mbp_noninvasive_max"
"h1_respirate_max"
"h1_spo2_max"
"h1_sysbp_max"
"h1_sysbp_noninvasive_max"
"d1_glucose_max"
"apache_4a_hospital_death_prob"
"aids"
"diabetes_mellitus"
"immunosuppression"
"lymphoma"
"apache_3j_bodysystem"
"hospital_death"

```

Relation between Age and Bmi



```
## Warning: package 'viridis' is in use and will not be installed
```