**MODEL PREDIKSI TINGKAT KEHIDUPAN PENDERITA *HCC* MENGGUNAKAN ALGORITMA *RANDOM FOREST***

**Diajukan kepada**

**Fakultas Ilmu Komputer Universitas Klabat**

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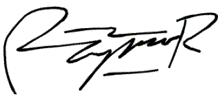
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# **LEMBAR PERNYATAAN KEASLIAN**

Dengan ini penulis yang bertanda tangan di bawah ini menyatakan bahwa Skripsi dengan judul:

**“MODEL PREDIKSI TINGKAT KEHIDUPAN PENDERITA *HCC* MENGGUNAKAN ALGORITMA *RANDOM FOREST*”**

Merupakan keaslian dari hasil penelitian penulis sendiri, adapun terdapat kutipan yang diambil dari penulisan orang lain sebagai referensi yang sudah dicantumkan ke dalam daftar pustaka.

Airmadidi, 4 Desember 2020

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**Cindy Dellarasati Wungkana Megalita Oktavianny Fliony Aror**

**Penulis 1 Penulis 2**

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**Green A. Sandag, S.Kom, M.S**

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**Penulis I Penulis II**

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**Cindy Dellarasati Wungkana Megalita Oktavianny Fliony Aror**

# **ABSTRAK**

*Hepatocellular carcinoma (HCC)* atau kanker hati adalah salah satu dari kanker yang paling umum dan menjadi penyebab utama kematian di negara-negara Asia.Presentasi *HCC* telah berkembang secara signifikan selama beberapa dekade terakhir. Rokok dan minuman beralkohol yang kita konsumsi diketahui menjadi faktor yang mempengaruhi tingkat kehidupan pasien *HCC*. Penelitian bertujuan untuk mengkaji klasifikasi tingkat kehidupan pasien *HCC* dengan menggunakan algoritma *Random Forest*. Dasar dari kriteria penunjang adalah dengan membandingkan algoritma *Random Forest* dengan algoritma yang lain seperti *K-Nearest Neighbor* dan *Logistic Regression.* Percobaan disusun secara teratur dengan mengukur *accuracy*, *precision*, *recall*, dengan rumus yang berhasil dibuat oleh peneliti melalui *Google Colaboratory*. Hasil percobaan menyatakan bahwa algoritma *Random Forest* cocok digunakan dalam penelitian ini dengan memiliki *accuracy* sebesar 100% , *recall* dan *precision* sebesar 100% karena berhasil menampilkan performa terbaik.

***Kata kunci*** : *HCC, Random Forest, survival rates*

***ABSTRACT***

*Hepatocellular carcinoma (HCC) or liver cancer is one of the most common cancers and a leading cause of death in Asian countries. The presentation of HCC has evolved significantly over the last few decades. The cigarettes and alcoholic drinks we consume are known to be factors that affect the life expectancy of HCC patients. This study aims to examine the classification of the life level of HCC patients using the Random Forest algorithm. The basis of the supporting criteria is to compare the Random Forest algorithm with other algorithms such as K-Nearest Neighbor and Logistic Regression. Experiments are arranged regularly by measuring accuracy, precision, recall, with formulas that have been successfully created by researchers through Google Colaboratory. The experimental results show that the Random Forest algorithm is suitable for use in this study with 100% accuracy, 100% recall and precision because it successfully displays the best performance. The results of the experiment show that the Random Forest algorithm is suitable for use in this study because it manages to show the best performance.*

***Keyword*** *: HCC, Random Forest, survival rates*

# **DAFTAR ISI**

**LEMBAR PENGESAHAN ii**

**LEMBAR PERNYATAAN KEASLIAN iii**

**KATA PENGANTAR iv**

**ABSTRAK vii**

***ABSRACT* viii**

**DAFTAR ISI ix**

**DAFTAR GAMBAR xiii**

**DAFTAR TABEL xvi**

**BAB 1 PENDAHULUAN 1**

**1.1 Latar Belakang 1**

**1.2 Rumusan Masalah 4**

**1.3 Tujuan Penelitian 4**

**1.4 Manfaat Penelitian 5**

**1.5 Ruang Lingkup Penelitian 5**

**1.5.1** [**Cakupan 5**](#_bookmark13)

**1.5.2** [**Batasan 5**](#_bookmark13)

**1.6 Daftar Istilah 5**

**BAB 2 : LANDASAN TEORI 7**

**2.1 Prediksi 7**

**2.2 *Hepatocellular Carcinoma* 7**

**2.3 *Google Colaboratory* 8**

**2.4** ***Random Forest* 9**

**2.5 *K-Fold Cross Validation* 9**

**2.6 *Python* 10**

**2.7 *Confusion Matrix* 10**

**2.8 *Precision* dan *Recall* 12**

**2.9 Penelitian Terkait 12**

**BAB 3 : METODOLOGI PENELITIAN 15**

**3.1 Metode Penelitian 15**

**3.1.1** [***Business Understanding* 16**](#_bookmark13)

**3.1.2** [***Data Understanding* 16**](#_bookmark13)

**3.1.3 *Data Preparation* 20**

**3.1.4 *Modelling* 22**

**3.1.4.1 *Random Forest* 21**

**3.1.5 *Evaluation* 22**

**3.1.5.1 *Cross Validation (*5-*fold)* 23**

**3.1.5.2 Kurva *ROC* 23**

**3.1.6 *Deployment* 24**

**3.2 Instrumen Penelitian 24**

**3.2.1** [**Data 24**](#_bookmark13)

**3.2.2 *Tools*** [**24**](#_bookmark13)

**3.2.2.1 Perangkat Lunak 24**

**3.2.2.2 Perangkat Keras 25**

**BAB 4 : IMPLEMENTASI DAN PENGUJIAN 26**

**4.1 *Explaratory Data Analysis (EDA)* 26**

**4.1.1 Visualisasi *Explaratory Data Analysis (EDA)*** [**27**](#_bookmark13)

**4.1.1.1 Analisis Tentang Pasien *HCC* 34**

**4.1.1.2 Penggunaan Alkohol Setiap Hari pada Pasien 38**

**4.1.1.3 Penggunaan Rokok Setiap Tahun pada Pasien 40**

**4.1.1.4 Analisis Tentang Bertahan dan Tidak Bertahan Hidup Pasien**

**42**

**4.1.1.5 *Missing Values* 44**

**4.1.1.6 *HeatMap with NaN* 48**

**4.1.1.7 *Working* *with Missing Value* 49**

**4.1.1.8 *Nominal Value* 51**

**4.1.1.9 *Continuous Value* 51**

**4.1.1.10 *Integer Value* 53**

**4.1.1.11 *Ordinal Value* 53**

**4.1.1.12 *Ordinal Column Binarizing* 54**

**4.1.1.13 *Binarizing Number of Nodules* 55**

**4.1.1.14 *Age Averaging* 56**

**4.1.1.15 *Splitting Data* 57**

**4.1.1.16 *Standarization - Optional* 57**

**4.1.1.17 *Splitting Data Into Train and Test* 58**

**4.1.2 Visualisasi Algoritma *Random Forest*** [**59**](#_bookmark13)

**4.1.3 Visualisasi Algoritma *Logistic Regression*** [**63**](#_bookmark13)

**4.1.4 Visualisasi Algoritma *K-Nearest Neighbor* [65](#_bookmark13)**

**4.1.5 Visualisasi Algoritma *Naïve Bayes*** [**67**](#_bookmark13)

**BAB 5 : KESIMPULAN DAN SARAN 69**

**5.1 Kesimpulan 69**

**5.2 Saran 70**

**DAFTAR PUSTAKA 71**

**LAMPIRAN 76**

**DAFTAR GAMBAR**

**Gambar 1.1 Dampak Skrining Terhadap Kelangsungan Hidup Setelah Diagnosis HCC 3**

**Gambar 3.1 Diagram Alur Penelitian 15**

**Gambar 4.1 Contoh *Library* 27**

**Gambar 4.2 Pembuatan Kolom *Dataset* Menggunakan EDA 31**

**Gambar 4.3 Hasil Pembuatan Kolom *Dataset* Menggunakan EDA 32**

**Gambar 4.4 *Dataset Info* 32**

**Gambar 4.5 DataJumlah *Missing Value* Dalam *Dataset* 33**

**Gambar 4.6 Data *Describe* 33**

**Gambar 4.7 Info Tentang Pasien HCC 34**

**Gambar 4.8 Pembuatan Plot untuk Tingkat Bertahan dan Tidak Bertahan Pasien HCC 35**

**Gambar 4.9 Plot Hasil Tingkat Bertahan dan Tidak Bertahan Pasien HCC 35**

**Gambar 4.10 Membuat Data *Binning* pada Data *Age* 36**

**Gambar 4.11 Hasil *Binning* pada Data *Age* 36**

**Gambar 4.12 Distribusi Data Usia Pasien *HCC* 38**

**Gambar 4.13 *Grams of Alcohol per Day* 39**

**Gambar 4.14 Hasil Plot Penggunaan *Grams of Alcohol per Day* 40**

**Gambar 4.15 *Packs of Cigarets per Year* 41**

**Gambar 4.16 Hasil Plot Penggunaan *Packs of Cigarets per Year* 42**

**Gambar 4.17 Membuat Diagram untuk Tingkat Kehidupan Wanita dan Pria. 43**

**Gambar 4.18 Hasil untuk Tingkat Bertahan Hidup dan Tidak Bertahan Hidup pada Pria dan Wanita. 43**

**Gambar 4.19 *Missing Values* 44**

**Gambar 4.20 Hasil dari Beberapa Data yang *Missing Values* 45**

**Gambar 4.21 *Null Values* 46**

**Gambar 4.22 Hasil dari Data yang memiliki *Null Values* 46**

**Gambar 4.23 Pengelompokkan *Class* Atribut dengan *Null Values* 47**

**Gambar 4.24 *Syntax Drop* Data *Null Values* 47**

**Gambar 4.25 *Code* *HeatMap with NaN* 48**

**Gambar 4.26 *HeatMap with NaN* 49**

**Gambar 4.27 *Working with Missing Value* 49**

**Gambar 4.28 *Replace* nilai *NaN* 50**

**Gambar 4.29 *Nominal Value* 51**

**Gambar 4.30 *Continuous Value* 52**

**Gambar 4.31 *Integer Value* 53**

**Gambar 4.32 *Ordinal Value* 54**

**Gambar 4.33 *Ordinal Column Binarizing* 54**

**Gambar 4.34 *Binarizing Number of Nodules* 55**

**Gambar 4.35 *Age Averaging* 56**

**Gambar 4.36 *Splitting Data* 57**

**Gambar 4.37 *Standarization - Optional* 57**

**Gambar 4.38 *Split Data into Train and Test* 58**

**Gambar 4.39 Hasil Visualisasi *Random Forest* 59**

**Gambar 4.40 Hasil *Mean Square Error* 59**

**Gambar 4.41 *Syntax* untuk Melihat *Feature Importance* pada Atribut-Atribut *Dataset* yang Ada 60**

**Gambar 4.42 Hasil *Feature Importance* 60**

**Gambar 4.43 Hasil *Scoring* Algoritma *Random Forest* 61**

**Gambar 4.44 Hasil Prediksi MenggunakanAlgoritma *Random Forest* 61**

**Gambar 4.45 *Syntax* untuk *Cross Validation* MenggunakanAlgoritma *Random Forest* 62**

**Gambar 4.46 *Logistic Regression Syntax* 63**

**Gambar 4.47 Hasil Prediksi MenggunakanAlgoritma *Logistic Regression* 64**

**Gambar 4.48 *Syntax* untuk *Cross Validation* MenggunakanAlgoritma *Logistic Regression* 64**

**Gambar 4.49 *K-Nearest Neighbor Syntax* 65**

**Gambar 4.50 Hasil Prediksi MenggunakanAlgoritma *K-Nearest Neighbor* 66**

**Gambar 4.51 *Naïve Bayes Syntax* 67**

**Gambar 4.52 Hasil Prediksi MenggunakanAlgoritma *Naïve Bayes* 67**

**DAFTAR TABEL**

**Tabel 2.1 Confusion Matrix 11**

**Tabel 3.1 Parameter *Dataset* 17**

**Tabel 4.1 Hasil *Cross Validation* MenggunakanAlgoritma *Random***

***Forest* 62**

**Tabel 4.2 Hasil *Cross Validation* MenggunakanAlgoritma *Logistic***

***Regression* 65**

**Tabel 4.3 Hasil *Cross Validation* MenggunakanAlgoritma *K-Nearest***

***Neighbor* 66**

**Tabel 4.4 Hasil *Cross Validation* MenggunakanAlgoritma *Naïve Bayes* 68**

**Tabel 5.1 Hasil Komparasi Algoritma *Random Forest* dan Algoritma Pembanding Lainnya 70**

**BAB 1**

**PENDAHULUAN**

**1.1 Latar Belakang**

Dalam kehidupan manusia, kesehatan merupakan hal yang sangat penting. Semua orang ingin sehat, namun dibalik itu banyak penyakit yang dapat menyerang tubuh manusia. Dalam hal ini, penyakit yang dimaksudkan berhubungan dengan hati, dimana hati merupakan organ yang bermanfaat bagi manusia untuk mencerna segala makanan yang masuk dan harus dijaga.

HCC (*Hepatocellular Carcinoma*) atau lebih sering dikenal dengan istilah kanker hati dimulai dari sel-sel organ hati yang berada di bawah paru-paru sebelah kanan di bawah tulang rusuk, dimana memiliki peranan yang penting seperti mengeluarkan racun dari tubuh. Dibalik fungsi dari hati yang dapat memberikan manfaat bagi manusia, ternyata dapat juga terjadi tumbuhnya sel-sel yang tidak terkendali yang kemudian akan muncul sel tumor yang mengganggu fungsi sel-sel sehat yang ada di hati[1].

Di seluruh dunia, *HCC* adalah penyakit yang paling umum keenam dan urutan kedua penyebab kematian karena kanker hati sehingga kasus penyakit ini sekitar 85% banyak terjadi di negara berkembang. Insiden *HCC* di Amerika Serikat berubah secara

radikal dalam 40 tahun terakhir: tahun 1973 insiden *HCC* adalah 1,51 kasus per 100.000 orang, kemudian meningkat menjadi 6,20 kasus per 100.000 orang pada 2011. Di tahun 2012, diperkirakan ada 24.696 kasus baru *HCC* yang didiagnosis[2]. Untuk Indonesia sendiri, pernah dilakukan penelitian pada 26 sampel hasil pemeriksaan histopatologi pasien kanker hati di RSUD Dr. Moewardi periode Januari sampai Desember 2017 berusia 51-60 tahun sebanyak 61,5% dan didominasi oleh jenis kelamin laki-laki sebanyak 65,4%[3].

Kanker hati ini adalah kanker kelima yang paling umum pada pria dan ketujuh pada wanita[2]. Berdasarkan *survey* yang dilakukan di Hongkong, tercatat sekitar 1.800 kasus baru yang terjadi setiap tahunnya. Dari kasus baru tersebut, 75% di antaranya adalah pria dengan rata-rata kemunculan penyakit pada usia 63 hingga 69 tahun[4]. Sedangkan hasil *survey* dari *World Health Organization* pada tahun 2018 mencatat terdapat 782.000 pasien penderita *HCC* yang meninggal[5].

Penelitian oleh *Nadhim dkk,* mengatakan bahwa jenis kelamin laki-laki lebih banyak mengalami penyakit ini daripada perempuan dengan rasionya 4,4 : 1 rerata umur 47± yang dilakukan penelitiannya pada RSUP. Dr. Kariadi di Semarang[6]. Sedangkan dr. Ladju, Ph.D mengatakan bahwa penyakit liver terjadi karena adanya *Hepatocellular Carcinoma* yang 99% adanya sirosis dan radang pada hati sehingga diprediksi pada tahun 2040, penyakit kanker ini akan terus meningkat dan faktor terjadinya penyakit ini karena gaya hidup yang tidak sehat[7].

Orang yang tidak memiliki gejala *HCC* harus menjalani skrining pasien dimana akan dilakukan pengujian yang walaupun tidak menunjukkan tanda-tanda terkena penyakit ini namun mereka harus dilakukan pengawasan. Gambar dibawah ini akan menunjukkan dampak dari proses skrining yang dilakukan yang dapat membuat keberlangsungan hidup tetap bertahan.

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**Gambar 1.1 Dampak Skrining terhadap Kelangsungan Hidup setelah Diagnosis HCC**

Pada Gambar 1.1 memperlihatkan bahwa pasien dengan hepatitis virus kronis yang menjalani skrining untuk HCC telah meningkatkan kelangsungan hidup setelah diagnosis HCC jika dibandingkan dengan kelompok kontrol yang tidak menerimaskrining untuk HCC[2]. Dapat disimpulkan bahwa orang dengan kelompok kontrol tidak dapat bertahan hidup karena mereka tidak melakukan proses skrining sehingga tidak ada pengawasan dan penyakit kanker mereka akan diketahui jika sudah kronis.

Peluang bertahan hidup seseorang menurut *National Cancer Institute Surveillance, Epidemiology and End Results* (SEER) dengan mengambil data pasien yang terkena kanker hati, dimana lebih awal didiagnosis maka akan lebih baik untuk mencegah seseorang akan bertahan hidup dari penyakit yang diderita daripada sudah didiagnosa ketika sudah mendapat kanker hati dan sudah ada di tahap akhir.

Terdapat beberapa faktor yang mempengaruhi tingkat kehidupan pasien HCC seperti jumlah berapa banyak rokok dan minuman beralkohol yang dikonsumsi[8].

Namun dari faktor-faktor tersebut masih belum diketahui mana yang paling dominan terhadap kematian pasien penderita HCC. Penyakit ini relatif lebih sulit untuk disembuhkan karena pasien penderita kanker hati biasanya terdiagnosis pada stadium menengah atau akhir[9].

**1.2 Rumusan Masalah**

Melalui latar belakang yang ada, yang menjadi rumusan masalah adalah: bagaimana cara memprediksi tingkat kehidupan dari penderita penyakit *HCC* dengan menggunakan algoritma *Random Forest?* Diharapkan penelitian ini dapat bermanfaat untuk memberikan informasi kepada pembaca khususnya tenaga medis untuk memberikan penanganan lebih khusus kepada penderita *HCC*. Dan dengan adanya penelitian ini para penderita *HCC* dapat lebih mewaspadai faktor-faktor apa yang dapat membuat mereka memiliki peluang untuk bertahan hidup atau tidak.

**1.3 Tujuan Penelitian**

Penelitian ini dilakukan untuk memprediksi dan mengetahui tingkat kehidupan pasien apakah bertahan atau tidak setelah didiagnosa menderita penyakit berdasarkan 2 faktor utama; jumlah bungkus rokok yang dikonsumsi setiap tahuhn dan banyaknya gram dari alcohol yang dikonsumsi perhari, yang telah diuji menggunakan algoritma *Random Forest*. Algoritma ini digunakan karena jumlah data dari *dataset* penelitian yang dilakukan memiliki jumlah yang besar. Pun sangat cocok karena menghasilkan jumlah error yang rendah dan dapat mengatasi jumlah training yang besar karena data yang digunakan bukan biner tetapi non-biner[10].

**1.4. Manfaat Penelitian**

Diharapkan penelitian ini dapat bermanfaat untuk memberikan informasi

kepada pembaca khususnya tenaga medis untuk memberikan penanganan lebih khusus kepada penderita *HCC*. Dan dengan adanya penelitian ini para penderita *HCC* dapat lebih mewaspadai faktor-faktor apa yang dapat membuat mereka memiliki peluang untuk bertahan hidup atau tidak.

**1.5 Ruang lingkup Penelitian**

Penelitian ini terdapat ruang lingkup penelitian yang sudah ditentukan oleh peneliti. Berikut ruang lingkup cakupan dan batasan aplikasi yang ada pada penelitian ini.

**1.5.1 Cakupan**

1. Pengolahan data dalam penelitian ini menggunakan metode klasifikasi *Random Forest.*
2. Memprediksi tingkat kehidupan pasien penderita HCC (*Hepatocellular Carcinoma).*
3. Penelitian ini menggunakan 204 data dengan 80% *data training* dan 20% *data testing.*

**1.5.2 Batasan**

Batasan pada penelitian ini:

1. Parameter yang diteliti mencakup 2, yaitu bagaimana penggunaan alkohol dan penggunaan rokok pada penderita *HCC*.

**1.6** **Daftar Istilah**

Berikut ini adalah daftar istilah yang digunakan dalam penelitian:

1. Algoritma : Urutan dari beberapa tahapan yang logis untuk memecahkan masalah.

2. Skrining : Strategi untuk mencari tau kondisi atau tanda-tanda dari resiko yang belum dikenali.

3. Klasifikasi : Salah satu model *machine learning* yang dapat membedakan 2 data atau lebih ke dalam beberapa kelas.

4. *Dataset* : Kumpulan data yang akan diolah.

5. *Data training*  : Kumpulan data yang digunakan untuk melatih algoritma.

6. *Data testing* : Kumpulan data yang diuji untuk mengetahui performa agar dapat menemukan data baru yang belum diketahui sebelumnya.

**BAB 2**

**LANDASAN TEORI**

Pada bagian landasan teori, peneliti menjelaskan tentang teori yang mendukung dalam penelitian ini, serta penelitian yang berkaitan dengan konsep dasar yang berhubungan dengan penelitian ini.

**2.1 Prediksi**

Prediksi adalah suatu proses memperkirakan secara sistematis tentang sesuatu yang paling mungkin terjadi di masa depan berdasarkan informasi masa lalu dan sekarang yang dimiliki, agar kesalahannya (selisih antara sesuatu yang terjadi dengan hasil perkiraan) dapat diperkecil. Prediksi tidak harus memberikan jawaban secara pasti kejadian yang akan terjadi, melainkan berusaha untuk mencari jawaban sedekat mungkin yang akan terjadi[38].

Prediksi merupakan salah satu teknik yang digunakan untuk melakukan pemodelan pada data mining dan data sampel yang digunakan nilai atributnya diketahui agar nilai atribut dari target tertentu dapat diperkirakan. Metode prediksi dapat dilakukan dengan mengambil pendapat para pakar atau secara kualitatif dan melakukan perhitungan secara matematis atau kuantitatif.. Dengan melakukan prediksi, kemungkinan untuk informasi yang akan didapatkan pada masa mendatang akan terjadi kejadian secara besar.

**2.2 *Hepatocellular Carcinoma***

*Hepatocellular Carcinoma* adalah keganasan primer hati dan terjadi terutama pada pasien dengan penyakit hati kronis dan sirosis dan meningkat dengan cepat dalam prevalensi secara global dengan angka kematian yang tinggi[11]. Penderita *Hepatocellular Carcinoma* dapat disembuhkan dengan reseksi bedah dan transplantasi hati. Faktor penyebab terjadinya *Hepatocellular Carcinoma* dapat berupa hepatitis B atau hepatitis C dan sirosis hati. Menurut WHO, klasifikasi jenis dari *HCC* dibagi menjadi kelompok berikut: [12].

1. *HCC* tahap awal berupa lesi berdiferensiasi baik dengan ukuran kecil (<2 cm), batas yang kurang tegas, tipe semi nodular
2. *HCC* dengan progresi dimana ukuran > 2 cm atau bisa saja < 2 cm namun diferensiasi sedang dan bentuk nodular yang jelas.

**2.3 *Google Colaboratory***

*Google Colaboratory* dapat memudahkan dan memungkinkan pengguna untuk menggunakannya dengan cara yang dapat dimengerti karena melalui *Google Colaboratory* ini kita dapat menggabungkan kode, contohnya yang digunakan dalam penelitian ini yaitu *Python*. Dengan adanya *Google Colaboratory,* jika kita ingin mengeksekusi atau menjalankan kode programnya hanya perlu menekan tombol yang telah disediakan untuk *run* program yang telah dibuat. Akses yang gratis, tidak memerlukan konfigurasi, dan berbagi dengan mudah merupakan keuntungan yang dimiliki oleh *Google Colaboratory*[13]. Pembuatan *syntax* program dapat lebih mudah untuk disimpan karena dapat langsung terkirim di *Google Drive* milik kita sendiri, sehingga saat ingin mengakses kembali programnya kita dapat langsung membukanya dari akun *Google Drive* yang telah ada. *Google Colaboratory* adalah *notebook Jupyter* yang dihosting oleh *Colab* dan kita dapat memanfaatkan fitur dari library Python yang populer untuk menganalisis dan memvisualisasikan data[14]. Melalui *Google Colaboratory* kita dapat melakukan penelitian yang terkait dalam *paper* yang dibuat ini dengan memprediksi menggunakan algoritma yang telah kami sediakan.

**2.4 *Random Forest***

*Random Forest* adalah metode yang digunakan untuk klasifikasi dengan membangun banyak pohon klasifikasi. *Random Forest* bisa meningkatkan akurasi karena metode ini memilih secara acak dalam proses generasi simpul anak pada setiap *node*. Hasil klasifikasi dari setiap pohon akan di akumulasi dan akan dipilih hasil klasifikasi yang paling banyak muncul[15]. Algoritma ini merupakan bagian dalam metode *Decision Tree* dan melalui algoritma Random Forest akan membantu menyelesaikan masalah untuk membuat model prediksi. Random Forest sendiri adalah kombinasi dari  masing – masing tree yang baik kemudian dikombinasikan  ke dalam satu model dan bergantung pada sebuah nilai *vector random* dengan distribusi yang sama pada semua pohon yang masing masing Decision Tree memiliki kedalaman yang maksimal[15].

**2.5 *K-fold Cross Validation***

Teknik *K-Folds* adalah teknik yang populer dan mudah dipahami, umumnya menghasilkan model yang kurang bias dibandingkan dengan metode lain. Karena itu memastikan bahwa setiap pengamatan dari set data asli memiliki peluang untuk muncul di set pelatihan dan pengujian. Ini adalah salah satu pendekatan terbaik jika kita memiliki data masukan yang terbatas[16]

**2.6 *Python***

*Python* dikembangkan di bawah lisensi *open source* yang disetujui OSI, membuatnya dapat digunakan dan didistribusikan secara bebas, bahkan untuk penggunaan komersial. Lisensi *Python* dikelola oleh *Python Software Foundation*. Dan dalam *Python* terdapat *Python Package Index (PyPI)* menampung ribuan modul pihak ketiga untuk *Python*. Pustaka standar *Python* dan modul yang dikontribusikan oleh komunitas memungkinkan kemungkinan yang tidak terbatas. *Python* merupakan bahasa pemrograman yang tidak sulit seperti bahasa pemrograman lain yang mudah dibaca dan dimengerti. Untuk sintaks dalam penulis bahasa *Python* memiliki perbedaan dengan bahasa lainnya karena dengan penggunaan bahasa ini dalam membangun aplikasi maupun analisa, tidak akan menulis kode sintaks dengan detail walaupun pada bahasa pemrograman lain jika tidak secara detail akan langsung terjadi *error*, dan ini yang membuat *Python* berbeda karena mudah ditulis dan dipelajari[17].

**2.7 *Confusion Matrix***

*Confusion Matrix* merupakan metode yang dipakai dalam *data mining* dan dalam penelitian untuk melakukan perhitungan akurasi. *Confusion Matrix* ini, sangat bermanfaat bagi penelitian yang kami lakukan karena lewat uji coba algoritma yang kami gunakan, poin penting yang akan dilihat adalah akurasinya dan melalui akurasi ini kita juga dapat melakukan perbandingan dengan algoritma-algoritma lainnya yang ingin kita uji.

|  |  |  |
| --- | --- | --- |
| *Correct Clasification* | *Classified As* | |
| *Predicted “+”* | *Predicted “-“* |
| *Actual “+”* | *True Positivies* | *False Negatives* |
| *Actual “-“* | *False Positivies* | *True Negatives* |

**Tabel 2.1 *Confusion Matrix***

Tabel 2.1 merupakan tabel yang menyatakan jumlah data uji yang benar dan jumlah data uji yang salah diklasifikasikan . Melalui tabel ini kita dapat langsung mencari akurasi dengan rumus yang sudah tersedia.

Berdasarkan Tabel 1.1 *Confusion Matrix*[18] diatas:

a. *True Positives (TP)* adalah jumlah *record* datapositif yang diklasifikasikan sebagai

nilai positif

b. *False Positives (FP)* adalah jumlah *record* data negatif yang diklasifikasikan

sebagai nilai positif

c. *False Negatives (FN)* adalah jumlah *record* data positif yang diklasifikasikan

sebagai nilai positif

d. *True Negatives (TN)* adalah jumlah *record* data negatif yang diklasifikasikan

sebagai nilai negatif

Berikut merupakan rumus untuk mencari akurasi :

**1. Rumus *Accuracy***

*Accuracy* adalah presentase jumlah *record* data yang diklasifikasikan (prediksi) secara benar oleh algoritma.

**2.8 *Precision dan Recall***

Untuk mengevaluasi *performance* algoritma dalam *Machine Learning*, biasanya mengacu pada hasil dari *Confusion Matrix*. Dalam hal ini *Confusion Matrix* sebagai representasi dari prediksi dan kondisi aktual dari data yang dihasilkan oleh *Machine Learning*. Berdasarkan *Confusion Matrix* kita bisa menentukan *Accuracy, Precission* dan juga *Recall.*

*Accuracy* sebagai rasio prediksi yang benar. Biasa disebut positif dan negatif. Sedangkan *Precission* merupakan rasio prefiksi benar positif jika dibandingkan dengan keseluruhan hasil yang diprediksi positif. Dalam penelitian kali ini *precission* yang akan menjawab “Berapa persen penderita *HCC* yang tidak dapat bertahan hidup dari keseluruhan penderita *HCC* yang diprediksi tidak dapat bertahan hidup?”. Ada *Recall* yang merupakan rasio prediksi benar positif. Dalam penelitian ini dapat menjawab “Berapa persen mahasiswa penderita *HCC* yang diprediksi tidak dapat bertahan hidup dibandingkan keseluruhan penderita *HCC* yang sebenarnya tidak dapat bertahan hidup?”

Adapun rumus untuk mengukur *Precision* dan *Recall* yang memiliki formula sebagai berikut[24] :

**2. Rumus *Precision***

**2. Rumus *Recall***

**2.9 Penelitian Terkait**

Dalam dunia kesehatan, tidak ada yang dapat memastikan berapa lama kita dapat bertahan hidup. Namun, *HCC* merupakan penyakit yang memiliki harapan hidup yang rendah karena menurut dokter spesialis penyakit dalam gastroenterologi dan hepatologi, dr. Rino A Gani, SpPD,KGEH, gejala *HCC* biasanya tidak terlihat pada stadium awal namun akan mulai terlihat ketika sudah stadium lanjut sehingga penyakit ini sulit untuk disembuhkan[9]. Pendapat yang sama juga dikatakan oleh Health Claim Senior Manager Sequis dr. Yosef Fransiscus melalui siaran persnya bahwa penyakit HCC sangat sulit untuk mendeteksinya dikarenakan gejala awalnya yang sulit terdeteksi[19].

Seperti yang diketahui pada bagian pendahuluan penelitian ini menggunakan algoritma *Random Forest* maka ada beberapa jumlah penelitian telah menyatakan

bahwa penggunaan algoritma ini sangat tepat untuk memprediksi kasus yang akan diteliti. Salah satunya penelitian dari *Khalilia* yangmenyatakan bahwa *Random Forest* memiliki tingkat *Accuracy* yang lebih tinggi dari SVM, *bagging*, dan *boosting* dengan tingkat *Accuracy* sebesar 91.23% pada penelitian tentang persentase seseorang dapat terkena kanker payudara[20]. *Zhou* juga melakukan penelitian mengenai prediksi tingkat kehidupan pasien *HCC* stadium 2 dengan menggunakan algoritma klasifikasi machine learning seperti *Gradient Boosting* dan *random forest classifier*, dan tingkat akurasi dari prediksi tersebut melebihi 85% [21].

Namun, penelitian yang dilakukan oleh *Sandag* yang menggunakan algoritma *K-Nearest Neighbor* dikatakan sangat cocok digunakan[22] tetapi pada penelitian yang kami lakukan algoritma *K-Nearest Neighbor* tidak cocok untuk peningkatan dalam *accuracy* dan yang lebih baik digunakan untuk prediksi penelitian ini adalah algoritma *Random Forest.*

Dalam penelitian yang dilakukan juga oleh *Aliady* dengan menggunakan algoritma *Random Forest* sangat cocok digunakan pada penelitian mereka karena memiliki *accuracy* pada datalatih model *Random Forest* sebesar 100% dan *accuracy* data ujinya sebesar 94.5%[25]. Masing-masing algoritma yang dipilih pasti ada beberapa kelemahan dan kelebihan dan jika tidak sesuai untuk penelitian, pilihlah algoritma dan metode lain untuk meningkatkan *accuracy* lebih baik lagi dari sebelumnya.

**BAB 3**

**METODE PENELITIAN**

Pada bab ini, penulis akan menjelaskan semua metode yang digunakan dalam penelitian ini.

## **3.1 Medote Penelitian**

Metode penelitian dalam penelitian ini menggunakan *Cross-Industry Standard Process for Data Mining* (*CRISP-DM*). Metode *CRISP-DM* mempunyai 6 (enam) tahapan, yaitu *Bussiness Understanding, Data Understanding, Data Preparation, Modelling, Evaluation, dan Deployment.* Sedangkan dalam penelitian ini yang beberapa tahapan yang diperlukan adalah sebagai berikut:

*Business Understanding*

*Data Understanding*

*Data Preparation*

*Modelling*

*Evaluation*

**Gambar. 3.1 Diagram Alur Penelitian**

## ***Business Understanding***

## Pada tahap awal ini, peneliti menggunakan data dari *Kaggle*. *Dataset* yang digunakan merupakan *dataset* terbaru yang di-*update* pada tahun 2018. *Dataset* merupakan kumpulan data heterogen, dengan 23 variabel kuantitatif, dan 26 variabel kualitatif. Secara keseluruhan, data yang hilang mewakili 10,22% dari keseluruhan dataset dan hanya delapan pasien yang memiliki informasi lengkap di semua bidang (4,85%). Variabel target adalah kelangsungan hidup pada 1 tahun, dan dikodekan sebagai variabel biner: 0 (mati) dan 1 (nyawa). Tingkat ketidakseimbangan kelas tertentu juga ada (63 kasus diberi label sebagai "meninggal" dan 102 sebagai "kehidupan"). Dari dataset tersebut peneliti memutuskan untuk memprediksi tingkat keberlangsungan hidup penderita penyakit *HCC* dengan menggunakan algoritma *Random Forest* dan akan dibandingkan dengen beberapa algoritma yang lain.

## ***Data Understanding***

Pada tahap kedua ini, peneliti mencari pemahaman tentang *dataset*. Mulai dari menentukan tujuan, batasan, dampak, latar belakang, hingga kriteria untuk dapat mengatakan data yang dikumpulkan adalah berhasil. Pada bagian ini, pengumpulan data kami menggunakan *Hepatocellular Carcinoma dataset* yang ada di *Kaggle*[23]. *Dataset* yang ada diperoleh dari Rumah Sakit Universitas yang ada di Portugal dan berisi data pasien sebanyak 165 yang didiagnosis menderita penyakit *HCC* (*Hepatocellular Carcinoma)* secara nyata*.* Teknologi terkini dalam pengelolaan *HCC* menurut Pedoman Praktik Klinis *EASL-EORTC* (Asosiasi Eropa untuk Studi Hati - Organisasi Eropa untuk Penelitian dan Pengobatan Kanker) memiliki *dataset* berisi 49 fitur yang dipilih. Pada tahun pertama, variabel target adalah kelangsungan hidupdan dikodekan sebagai variabel biner: 0 (mati) dan 1 (nyawa). Tingkat ketidakseimbangan kelas tertentu juga ada (63 kasus diberi label sebagai "meninggal" dan 102 sebagai "kehidupan")[23]. *Dataset* yang digunakan ini memiliki 204 *rows* dan 50 *column*, dimana ini terdiri dari 49 *attributes* *independent* dan 1 *attributes* *dependent* yaitu *class*. Atribut yang dimaksud berupa faktor-faktor yang nantinya akan diseleksi untuk melihat lebih lanjut mana atribut yang penting atau berpengaruh dalam proses penelitian ini.

**Tabel 3.1 *Parameter Dataset***

|  |  |  |
| --- | --- | --- |
| Parameter | *Details* | *Value* |
| *Gender* | Menampilkan jenis kelamin baik itu perempuan maupun laki-laki | *Nominal* |
| *Symptoms* | Tanda- tanda atau faktor yang menjadi seseorang terkena Hepatocelluer Carcinoma | *Nominal* |
| *Alcohol* | Menjelaskan apakah ia mengkonsumsi alkohol setiap hari atau mungkin tidak mengkonsumsinya sama sekali. | *Nominal* |
| *HBsAg* | Pasien yang mempunyai Hepatitis B surface Antigen | *Nominal* |
| *HBeAg* | Pasien yang mempunyai Hepatitis B e Antigen | *Nominal* |
| *HBcAb* | Pasien yang mempunyai Hepatitis B core Antibody | *Nominal* |
| *HCVAb* | Pasien yang mempunyai Hepatitis C Virus Antibody | *Nominal* |
| *Cirrhosis* | Mengalami jaringan parut pada organ hati | *Nominal* |
| *Endemic* | Penyakit yang berhubungan dengan lingkungan geografis | *Nominal* |
| *Smoking* | Pasien adalah perokok | *Nominal* |
| *Diabetes* | Pasien mengalami diabetes | *Nominal* |
| *Obesity* | Pasien mengalami obesitas | *Nominal* |
| *Hemochro* | Kadar zat besi yang berlebihan | *Nominal* |
| *AHT* | Arteri paru – paru menyempit | *Nominal* |
| *CRI* | Penderita gagal ginjal kronis | *Nominal* |
| *HIV* | Mengidap virus human immunodeficiency | *Nominal* |
| *NASH* | Mengidap penyakit hati lemak non-alkoholik | *Nominal* |
| *Varices* | Pembengkakan pembuluh darah pada bagian tertentu | *Nominal* |
| *Spleno* | Pembesaran limpa | *Nominal* |
| *PHT* | Tekanan darah tinggi atau peningkatan tekanan darah dalam sistem vena | *Nominal* |
| *PVT* | Komplikasi yang relatif umum pada pasien dengan sirosis hati atau gumpalan darah dari portal vena | *Nominal* |
| *Metastasis* | Kanker yang dimulai di bagian lain dari tubuh dan menyebar ke hati | *Nominal* |
| *Hallmark* | HCC awal yang jarang menunjukkan hipervaskularitas arteri dan biasanya tidak didiagnosis sebagai HCC | *Nominal* |
| *Age* | Usia saat di diagnosis | *Integer* |
| *Grams\_day* | Gram Alkohol per hari | *Continuous* |
| *Packs\_year* | Bungkus rokok per tahun | *Continuous* |
| *PS* | Suatu ukuran yang menggambarkan tingkat fungsi pasien | *Ordinal* |
| *Encephalopathy* | Tingkat kesadaran yang berubah akibat gagal hati | *Ordinal* |
| *Ascites* | Tingkat penumpukan cairan yang abnormal di perut | *Ordinal* |
| *INR* | Pengukuran laboratorium tentang berapa lama darah untuk membentuk gumpalan | *Continuous* |
| *AFP* | Protein yang diproduksi oleh hati dan kantung telur (yolk sac) pada janin selama proses kehamilan | *Continuous* |
| *Hemoglobin* | Metaloprotein (protein yang mengandung zat besi) di dalam sel darah merah yang berfungsi sebagai pengangkut oksigen dari paru-paru ke seluruh tubuh | *Continuous* |
| *MCV* | Volume rata-rata sel darah merah pada tubuh manusia | *Continuous* |
| *Leucocytes* | Sel darah putih atau sel-sel dari sistem kekebalan tubuh yang terlibat dalam melindungi tubuh terhadap penyakit infeksi dan penyerbu asing | *Continuous* |
| *Platelets* | Trombosit atau sel darah kecil yang membantu tubuh Anda membentuk gumpalan untuk menghentikan pendarahan | *Continuous* |
| *Albumin* | Protein yang dibuat oleh hati | *Continuous* |
| *Total\_Bil* | Jumlah pigmen berwarna kuning kecokelatan yang ditemukan di dalam empedu, darah dan tinja semua orang | *Continuous* |
| *ALT* | Enzim yang ditemukan terutama di hati dan ginjal | *Continuous* |
| *AST* | Tes darah yang memeriksa kerusakan hati | *Continuous* |
| *GGT* | Enzim yang ditemukan di banyak organ di seluruh tubuh, dengan konsentrasi tertinggi ditemukan di hati | *Continuous* |
| *ALP* | Enzim yang ditemukan dalam tubuh berupa protein yang membantu reaksi kimia terjadi | *Continuous* |
| *TP* | Tes biokimia untuk mengukur jumlah total protein dalam serum | *Continuous* |
| *Creatinine* | Produk limbah yang dihasilkan oleh otot dari penguraian senyawa | *Continuous* |
| *Nodule* | Jumlah benjolan yang bertumbuh yang dapat tumbuh karena ada latar belakang penyakit lain dan yang muncul secara klasik | *Integer* |
| *Major\_Dim* | Jumlah dimensi yang penting pada suatu benjolan yang tumbuh | *Continuous* |
| *Dir\_Bil* | Terjadi setelah konjugasi di hati dengan asam glukuronat | *Continuous* |
| *Iron* | Terlalu banyak zat besi dari makanan yang dimakan yang dapat menyebabkan penyakit hati | *Continuous* |
| *Sat* | Fraksi hemoglobin jenuh oksigen relatif terhadap total hemoglobin (tidak jenuh + jenuh) dalam darah | *Continuous* |
| *Ferritin* | Protein sel darah yang mengandung zat besi | *Continuous* |
| *Class* | Menetapkan satu atau beberapa nama kelas untuk suatu elemen atau atribut | *Nominal* |

Pada Tabel 3.1 diatas menjelaskan tentang atribut-atribut yang digunakan dalam penelitian ini khusunya pada dataset *HCC* beserta dengan *value* disetiap masing-masing atribut yang sudah ada.

**3.1.3 *Data Preparation***

Sebelum masuk pada tahap *modelling* yang akan dilakukan dengan menggunakan *Explaratory Data Analysis* (*EDA*), pada tahap *data preparation* ini peneliti melakukan pencarian *missing values* dan pembersihan data, dimana data yang tidak dapat digunakan akan dibuang. Peneliti melakukan persiapan data mencakup semua kegiatan untuk menyusun *dataset* akhir dari data mentah awal guna menyiapkan data untuk diproses lebih lanjut. Tahap ini akan dilakukan berulang kali dan tidak dalam urutan yang ditentukan. Karena ada banyak data yang tidak lengkap, dan tidak konsisten. Data mentah cenderung rusak, memiliki nilai atau atribut yang hilang, atau nilai yang bertentangan. Tujuannya adalah untuk memastikan bahwa dataset yang digunakan pada tahap pemodelan dapat diterima dan memiliki kualitas yang lebih baik.

**3.1.4 *Modelling***

Pada tahap ke empat, peneliti membuat model berdasarkan beberapa teknik pemodelan yang berbeda. Di sini peneliti telah memilih beberapa algoritma, di antaranya; *Random Forest*, *K-Nearest Neighbor*, *Naive Bayes*, dan *Logistic Regression*. Setelah itu peneliti membagi data menjadi set pelatihan, pengujian, dan validasi. Data yang didapatkan langsung dibandingkan dengan algoritma lain supaya peneliti dapat menafsirkan hasil model berdasarkan pengetahuan umum, kriteria keberhasilan yang telah ditentukan sebelumnya, dan desain pengujian.

**3.1.4.1 *Random Forest***

*Random Forest*mampu mengklasifiksi data yang memiliki atribut tidak lengkap, dapat digunakan untuk klasifikasi dan regresi, sehingga menghasilkan akurasi yang lebih tinggi dan dapat mengatasi jumlah data besar secara efisien. Metode ini digunakan untuk menciptakan *Desicion Tree* yang terdiri dari *root node, internal node, dan leaf node* dengan mengambil atribut dan data secara acak mengikuti ketentuan yang diberlakukan. *Root node* merupakan bagian simpul yang letaknya berada di paling atas, atau biasa disebut sebagai akar dari *Desicion Tree*. *Internal node* merupakan simpul percabangan, *node* ini mememiliki *output* minimal dua dan hanya ada satu input. Sedangkan *leaf node* merupakan simpul akhir yang hanya memiliki satu *input* dan tidak mempunyai *output*. *Desicion Tree* dimulai dengan cara menghitung nilai *entropy* sebagai penentu tingkat ketidakmurnian atribut dan nilai *information gain*. Untuk menghitung nilai *entropy* digunakan rumus sebagai berikut[18]:

**4. Rumus Menghitung Nilai *Entropy***

Keterangan:

Y = himpunan kasus.

p(c|Y) = proporsi nilai Y terhadap kelas c.

**5. Rumus *Information Gain***

Keterangan:

1. = semua nilai yang mungkin dalam himpunan kasus a.

Yv = *subclass* dari Y dengan kelas v yang berhubungan dengan kelas a.

Ya = semua nilai yang sesuai dengan a.

## **3.1.5 *Evaluation***

## Di sini, peneliti mulai melihat model mana yang paling sesuai untuk diterapkan pada *dataset*. Peneliti akan mengevaluasi dengan beberapa fase yaitu:

* Evaluasi hasil: Apakah model memenuhi kriteria kesuksesan
* Proses peninjauan: Tinjau pekerjaan yang telah diselesaikan. Apakah ada yang terlewat? Apakah semua langkah dijalankan dengan benar? Meringkas temuan dan mengoreksi apa pun jika diperlukan.
* Menentukan langkah selanjutnya: Berdasarkan tugas sebelumnya, tentukan apakah akan melanjutkan ke penerapan, mengulangi lebih lanjut, atau memulai proyek baru.

### **3.1.5.1 *Cross Validation* (5-*fold*)**

*Cross Validation* adalah sebuah teknik yang digunakan dalam pengevaluasian model dengan cara membagi sampel dari *dataset* asli ke dalam *training set* untuk melatih model dan *testing set* untuk melakukan evaluasi terhadap model tersebut. *Dataset* yang telah melalui proses *feature extraction* kemudian dibagi ke dalam dua proses evaluasi, yang kemudian akan diprediksi menggunakan algoritma *Random Forest.*

**3.1.5.2 KURVA *ROC***

*ROC* (*Receiver Operating Characteristics*) adalah sejenis alat ukur performance untuk *classification problem* dalam menentukan hasil dari suatu model [19]. *ROC* juga merupakan interpretasi dari *confusion matrix* yang mana tiap-tiap nilai dapat dihitung dengan menggunakan persamaan sebagai berikut [20]:

**6. Rumus Menghitung Kurva *ROC***

**3.1.6 *Deployment***

Pada bagian ini akan didapat pengetahuan dari hasil evaluasi yang ada dimana

akan menjadi sebuah penjelasan dari tujuan yang diharapkan dimana *accuracy* dari algoritma *Random Forest* yang dipilih memiliki kinerja yang cukup baik dan faktor-faktor yang ada sebelumnya akan diseleksi dan didapati faktor penting yang mempengaruhi penelitian yang dilakukan ini.

## **3.2 Instrumen Penelitian**

Instrumen penelitian pada penelitian ini terbagi menjadi dua, yaitu data dan *tools* berikut ini.

### **3.2.1** **Data**

Dalam penelitian ini, data yang digunakan adalah data sekunder yakni data yang di peroleh dari penelitian milik peneliti yang lain. Tujuan pengumpulan data sekunder ini adalah supaya peneliti mendapatkan informasi yang mendukung untuk penelitian.

### **3.2.2** ***Tools***

*Tools* yang digunakan pada penelitian ini terdiri dari dua jenis perangkat yang digunakan dalam penelitian sebagai berikut.

### **Perangkat Lunak**

Perangkat lunak yang digunakan adalah :

1. Sistem operasi berbasis *Windows* untuk menjalankan perangkat lunak lain yang digunakan dalam penelitian.
2. *Browser* (*Mozilla Firefox*, *Google Chrome*)
3. *Microsoft Office Excel*
4. *Python* digunakan untuk mengembangkan sebuah *machine learning* dengan menggunakan data yang sudah ada.

### **3.2.2.2** **Perangkat Keras**

Perangkat keras yang digunakan adalah :

1. *Laptop* : ASUS A455L
2. *Processor* : CPU Intel Core i5-5200U
3. *Visual Graphic Array* (VGA) : GPU NVIDIA GEFORCE 940
4. RAM 4.00 GB

**BAB 4**

**IMPLEMENTASI DAN PENGUJIAN**

Pada bab ini, penulis akan menjelaskan hasil dari pengujian algoritma *Random Forest* terhadap penelitian yang dilakukan.

**4.1 *Explaratory Data Analysis* (*EDA*)**

Dengan menggunakan *Explaratory Data Analysis* penulis dapat menganalisis data untuk menghapus kumpulan data dan kemudian menerapkan teknik pembelajaran mesin. Kami menggunakan ini untuk mengimplementasikan uji coba algoritma *Random Forest* yang akan dibuat untuk menghasilkan sebuah model.

Sebelum memasuki *Explaratory Data Analysis* kita harus mengetahui *library-library* yang digunakan dalam penelitian ini. *Library* yang nantinya akan ditaruh dalam *source code* akan bermanfaat karena pada tahap-tahap pembuatan model kita tidak perlu menulis kembali untuk *library*nya karena sudah ditulis pada awal *syntax* kode sebelum memasuki *Explaratory Data Analysis* dan akan lebih mudah untuk mengakses *library* yang akan digunakan jika sudah pada pemodelan. Graphical user interface, text, application

Description automatically generated

**Gambar 4.1 Contoh *Library***

Gambar 4.1 merupakan *library-library* yang akan kami gunakan dalam penelitian ini. Berikut beberapa library yang digunakan :

1. *Library fancyimpute* digunakan untuk mengganti nilai yang hilang dalam kumpulan data yang sangat besar. Dibandingkan dengan teknik penghitungan yang umum digunakan seperti mengganti dengan *median* dan *mean*, metode ini menghasilkan akurasi model yang lebih baik[26].

2. *LabelBinarizer* atau proses *binarization* adalah *library* yang digunakan untuk mengubah variabel numerik kedalam nilai *boolean* (0 dan 1)[26].

3. *Math* sebagai modul *built-in* yang dapat digunakan untuk tugas-tugas matematika yang di dalamnya memiliki sekumpulan metode dan konstanta[27].

4. *Itemgetter* yang mengembalikan objek yang dapat dipanggil dan mengambil item dari operannya menggunakan metode \_*getitem* \_ () operan. Jika beberapa item ditentukan, maka dapat mengembalikan tupel nilai pencarian[28].

5. *NumPy* (*Numerical Python*) sebuah *library Python* yang fokus pada *scientific* *computing*. *NumPy* mampu untuk membentuk objek N-*dimensional array*, yang mirip dengan*list* pada *Python*[29].

*Pandas (Python for Data Analysis*) salah satu *library Python* yang fokus untuk proses analisis data contohnya untuk manipulasi data, persiapan data, dan pembersihan data. *Pandas* menyediakan struktur data dan fungsi *high-level* untuk membantu supaya data lebih terstruktur, lebih cepat, mudah, dan ekspresif[29].

6. *Seaborn* adalah salah satu *library Python* yang berdasarkan *matplotlib* digunakan untuk menggambar grafik statistik yang menarik dan informatif[30].

7. *cross\_validate* (*Cross Validation*), yaitu sebuah *library Python* yang menjadi teknik untuk melibatkan pemesanan sampel tertentu dari kumpulan data yang modelnya tidak melalui proses *data training*[31].

8. *plt* (*pyplot*) adalah *library plotting* yang digunakan untuk grafik *2D* dalam *Python*[32].

9. *StandardScaler* menstandarkan fitur dengan mengurangi *mean* dan kemudian menskalakan ke unit *varians*[33].

10. *RobustScaler* mengubah vektor fitur dengan mengurangi *median* dan kemudian membaginya dengan rentang interkuartil (nilai 75% - nilai 25%)[33].

11. *sklearn.metric* digunakan untuk mengukur kualitas pada bagian prediksi data[33].

12. *sklearn.model\_selection* digunakan untuk mengevaluasi kinerja data yang diprediksi[33].

13. *sklearn.linear\_model* digunakan sebagai modul untuk mengimplementasikan berbagai model linier[33].

14*. roc\_curve* adalah karakteristik operasi *Compute Receiver* (*ROC*)[34].

15. *roc\_auc\_score* adalah *Compute Area Under the Receiver Operating Characteristic Curve* (*ROC AUC*) dari skor prediksi[35].

Setelah proses *library* telah ditulis, perlu dilakukannya integrasi dengan *Google Drive* agar apa yang telah dibuat semuanya akan langsung tersimpan di akun *Google Drive* dan perlu dilakukannya *mount* karena jika tidak dilakukan ketika akan mengakses kembali hasil yang telah dibuat di *Google Colaboratory, dataset* yang sudah kita import sebelumnya akan otomatis menghilang karena tidak melakukan *mount* pada *Google Drive* kita.

**4.1.1 Visualisasi *Explaratory Data Analysis (EDA)***

Supaya lebih mudah untuk mengerti *dataset* yang maka kami membuatkan kolom agar dapat dilihat dengan jelas dan dapat diketahui atribut-atribut yang digunakan dengan adanya kolom yang dibuat.

columns = [

# nominal

'gender', #0-1

'symptoms', #0-1

'alcohol', #0-1

'hepatitis b surface antigen', #0-1

'hepatitis b e antigen', #0-1

'hepatitis b core antibody', #0-1

'hepatitis c virus antibody', #0-1

'cirrhosis', #0-1

'endemic countries', #0-1

'smoking', #0-1

'diabetes', #0-1

'obesity', #0-1

'hemochromatosis', #0-1

'arterial hypertension', #0-1

'chronic renal insufficiency', #0-1

'human immunodeficiency virus', #0-1

'nonalcoholic steatohepatitis', #0-1

'esophageal varices', #0-1

'splenomegaly', #0-1

'portal hypertension', #0-1

'portal vein thrombosis', #0-1

'liver metastasis', #0-1

'radiological hallmark', #0-1

# integer

'age', # age at diagnosis

# continuous

'grams of alcohol per day',

'packs of cigarets per year',

# ordinal

'performance status',

'encephalopathy degree',

'ascites degree',

# continuous

'international normalised ratio',

'alpha-fetoprotein',

'haemoglobin',

'mean corpuscular volume',

'leukocytes',

'platelets',

'albumin',

'total bilirubin',

'alanine transaminase',

'aspartate transaminase',

'total proteins',

'creatinine',

# integer

'number of nodules',

# continuous

'major dimension of nodule cm',

'direct bilirubin mg/dL',

'iron',

'oxygen saturation %',

'ferritin',

#nominal

'class attribute', #0-1

]

columns = list([x.replace(' ', '\_').strip() for x in columns])

**Gambar 4.2 Pembuatan Kolom *Dataset* Menggunakan *EDA***

'mean corpuscular volume',

'leukocytes',

'platelets',

'albumin',

'total bilirubin',

'alanine transaminase',

'aspartate transaminase',

'total proteins',

'creatinine',

# integer

'number of nodules',

# continuous

'major dimension of nodule cm',

'direct bilirubin mg/dL',

'iron',

'oxygen saturation %',

'ferritin',

#nominal

'class attribute', #0-1

]

columns = list([x.replace(' ', '\_').strip() for x in columns])

Pada Gambar 4.2 setelah pembuatan kolom untuk *dataset*, maka selanjutnya proses untuk membaca dataset yang telah diimport agar pembuatan kolom yang dibuat sebelumnya akan langsung terintegrasi dengan *dataset* yang telah dimasukkan dan akan dibaca melalui *Google Colaboratory*.

![Table

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDiRXhpZgAATU0AKgAAAAgABAE7AAIAAAAIAAAISodpAAQAAAABAAAIUpydAAEAAAAQAAAQyuocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAG1mbGlvbnkAAAWQAwACAAAAFAAAEKCQBAACAAAAFAAAELSSkQACAAAAAzU1AACSkgACAAAAAzU1AADqHAAHAAAIDAAACJQAAAAAHOoAAAAIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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**Gambar 4.3 Hasil Pembuatan Kolom *Dataset* Menggunakan *EDA***

Gambar 4.3 diatas merupakan hasil yang masih ada beberapa data yang memiliki nilai *NaN (Not a Number)* dan masih akan diproses untuk tipe nilai yang bersifat data numerik atau *NaN*.

![Table

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**Gambar 4.4 *Dataset* Info**

Pada Gambar 4.4 menjelaskan tentang info dari *dataset* yang didalamnya terdapat penjelasan dari atribut-atribut yang dipakai pada penelitian ini.

![Table

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**Gambar 4.5 DataJumlah *Missing Value* Dalam *Dataset***

Pada Gambar 4.5 menampilkan jumlah *missing value* dalam *dataset* contohnya dengan nilai 0 pada *alcohol, cirrhosis, age, performance\_status*, dst.

![Table

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDiRXhpZgAATU0AKgAAAAgABAE7AAIAAAAIAAAISodpAAQAAAABAAAIUpydAAEAAAAQAAAQyuocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAG1mbGlvbnkAAAWQAwACAAAAFAAAEKCQBAACAAAAFAAAELSSkQACAAAAAzc0AACSkgACAAAAAzc0AADqHAAHAAAIDAAACJQAAAAAHOoAAAAIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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HmX3/Pvb/+BDf/ABFAFmiq3mX3/Pvb/wDgQ3/xFHmX3/Pvb/8AgQ3/AMRQBZoqt5l9/wA+9v8A+BDf/EUeZff8+9v/AOBDf/EUAWaKreZff8+9v/4EN/8AEUeZff8APvb/APgQ3/xFAFmiq3mX3/Pvb/8AgQ3/AMRR5l9/z72//gQ3/wARQBZoqt5l9/z72/8A4EN/8RR5l9/z72//AIEN/wDEUAWaKreZff8APvb/APgQ3/xFHmX3/Pvb/wDgQ3/xFAFmiq3mX3/Pvb/+BDf/ABFHmX3/AD72/wD4EN/8RQBZoqt5l9/z72//AIEN/wDEUeZff8+9v/4EN/8AEUAWaKreZff8+9v/AOBDf/EUeZff8+9v/wCBDf8AxFAFmiq3mX3/AD72/wD4EN/8RR5l9/z72/8A4EN/8RQBZoqt5l9/z72//gQ3/wARR5l9/wA+9v8A+BDf/EUAWaKreZff8+9v/wCBDf8AxFHmX3/Pvb/+BDf/ABFAFmiq3mX3/Pvb/wDgQ3/xFHmX3/Pvb/8AgQ3/AMRQBZoqt5l9/wA+9v8A+BDf/EUeZff8+9v/AOBDf/EUAWaKreZff8+9v/4EN/8AEUeZff8APvb/APgQ3/xFAFmiq3mX3/Pvb/8AgQ3/AMRR5l9/z72//gQ3/wARQBZoqt5l9/z72/8A4EN/8RR5l9/z72//AIEN/wDEUAWaKreZff8APvb/APgQ3/xFHmX3/Pvb/wDgQ3/xFAFmiq3mX3/Pvb/+BDf/ABFHmX3/AD72/wD4EN/8RQBZoqt5l9/z72//AIEN/wDEUeZff8+9v/4EN/8AEUAWaKreZff8+9v/AOBDf/EUeZff8+9v/wCBDf8AxFAFmiq3mX3/AD72/wD4EN/8RR5l9/z72/8A4EN/8RQBZoqt5l9/z72//gQ3/wARR5l9/wA+9v8A+BDf/EUAWaKreZff8+9v/wCBDf8AxFFAFmiiigAqtf8A/Hsn/XaL/wBGLVmoLyJ5rfbFtLh0cBjgHawPXB9KAMjxdc3ttpaG2eSCzaTF9d243TW8PdkX+bclRyFPbQlMR0u2NtJ5sO+Dy5PMMm9d64O4klsjvk5qXzL7/n3t/wDwIb/4iorhb6eMJ5FuuHR8+ex+6wb+57UAYcf37j/r5m/9GNT6lGk6mrykR2hDyvIMzsMbmLY+5707+y9U/wCeVn/4EN/8RQBBRU/9l6p/zys//Ahv/iKP7L1T/nlZ/wDgQ3/xFAEFFT/2Xqn/ADys/wDwIb/4ij+y9U/55Wf/AIEN/wDEUAQVy3i+7uba9sVtriWENa3rMI3K5Kw5UnHoeR6V2H9l6p/zys//AAIb/wCIo/svVP8AnlZ/+BDf/EUAcf4Qu7m5vb5bm4lmC2tkyiRy2C0OWIz6nk+tdTU/9l6p/wA8rP8A8CG/+Io/svVP+eVn/wCBDf8AxFAEFFT/ANl6p/zys/8AwIb/AOIo/svVP+eVn/4EN/8AEUAQUVP/AGXqn/PKz/8AAhv/AIij+y9U/wCeVn/4EN/8RQBBTJPv2/8A18w/+jFq1/Zeqf8APKz/APAhv/iKadJ1NniJjtAElSQ4nY52sGx9z2oA6Kiq3mX3/Pvb/wDgQ3/xFHmX3/Pvb/8AgQ3/AMRQBZoqt5l9/wA+9v8A+BDf/EUeZff8+9v/AOBDf/EUAWaKreZff8+9v/4EN/8AEUeZff8APvb/APgQ3/xFAFmiq3mX3/Pvb/8AgQ3/AMRR5l9/z72//gQ3/wARQBZoqt5l9/z72/8A4EN/8RR5l9/z72//AIEN/wDEUAWaKreZff8APvb/APgQ3/xFHmX3/Pvb/wDgQ3/xFAFmiq3mX3/Pvb/+BDf/ABFHmX3/AD72/wD4EN/8RQBZoqt5l9/z72//AIEN/wDEUeZff8+9v/4EN/8AEUAWaKreZff8+9v/AOBDf/EUeZff8+9v/wCBDf8AxFAFmiq3mX3/AD72/wD4EN/8RR5l9/z72/8A4EN/8RQBZoqt5l9/z72//gQ3/wARR5l9/wA+9v8A+BDf/EUAWaKreZff8+9v/wCBDf8AxFHmX3/Pvb/+BDf/ABFAFmiq3mX3/Pvb/wDgQ3/xFHmX3/Pvb/8AgQ3/AMRQBZoqt5l9/wA+9v8A+BDf/EUeZff8+9v/AOBDf/EUAWaKreZff8+9v/4EN/8AEUeZff8APvb/APgQ3/xFAFmiq3mX3/Pvb/8AgQ3/AMRR5l9/z72//gQ3/wARQBZoqt5l9/z72/8A4EN/8RR5l9/z72//AIEN/wDEUAWaKreZff8APvb/APgQ3/xFHmX3/Pvb/wDgQ3/xFAFmiq3mX3/Pvb/+BDf/ABFHmX3/AD72/wD4EN/8RQBZoqt5l9/z72//AIEN/wDEUeZff8+9v/4EN/8AEUAWaKreZff8+9v/AOBDf/EUeZff8+9v/wCBDf8AxFAFmiq3mX3/AD72/wD4EN/8RR5l9/z72/8A4EN/8RQBZoqt5l9/z72//gQ3/wARR5l9/wA+9v8A+BDf/EUAWaKreZff8+9v/wCBDf8AxFHmX3/Pvb/+BDf/ABFAFmiq3mX3/Pvb/wDgQ3/xFHmX3/Pvb/8AgQ3/AMRQBZoqt5l9/wA+9v8A+BDf/EUeZff8+9v/AOBDf/EUAWaKreZff8+9v/4EN/8AEUeZff8APvb/APgQ3/xFAFmiq3mX3/Pvb/8AgQ3/AMRR5l9/z72//gQ3/wARQBZoqt5l9/z72/8A4EN/8RR5l9/z72//AIEN/wDEUAWaKreZff8APvb/APgQ3/xFHmX3/Pvb/wDgQ3/xFAFmiq3mX3/Pvb/+BDf/ABFHmX3/AD72/wD4EN/8RQBZoqt5l9/z72//AIEN/wDEUeZff8+9v/4EN/8AEUAWaKreZff8+9v/AOBDf/EUeZff8+9v/wCBDf8AxFAFmiq3mX3/AD72/wD4EN/8RR5l9/z72/8A4EN/8RQBZoqt5l9/z72//gQ3/wARR5l9/wA+9v8A+BDf/EUAWaKreZff8+9v/wCBDf8AxFHmX3/Pvb/+BDf/ABFAFmiq3mX3/Pvb/wDgQ3/xFHmX3/Pvb/8AgQ3/AMRQBZoqt5l9/wA+9v8A+BDf/EUeZff8+9v/AOBDf/EUAWaKreZff8+9v/4EN/8AEUeZff8APvb/APgQ3/xFAFmiq3mX3/Pvb/8AgQ3/AMRR5l9/z72//gQ3/wARQBZoqt5l9/z72/8A4EN/8RR5l9/z72//AIEN/wDEUAWaKreZff8APvb/APgQ3/xFHmX3/Pvb/wDgQ3/xFAFmiq3mX3/Pvb/+BDf/ABFHmX3/AD72/wD4EN/8RQBZoqt5l9/z72//AIEN/wDEUeZff8+9v/4EN/8AEUAWaKreZff8+9v/AOBDf/EUeZff8+9v/wCBDf8AxFAFmiq3mX3/AD72/wD4EN/8RR5l9/z72/8A4EN/8RQBZoqt5l9/z72//gQ3/wARR5l9/wA+9v8A+BDf/EUAWaKreZff8+9v/wCBDf8AxFHmX3/Pvb/+BDf/ABFAFmiq3mX3/Pvb/wDgQ3/xFHmX3/Pvb/8AgQ3/AMRQBZoqt5l9/wA+9v8A+BDf/EUeZff8+9v/AOBDf/EUAWaKreZff8+9v/4EN/8AEUeZff8APvb/APgQ3/xFAFmiq3mX3/Pvb/8AgQ3/AMRR5l9/z72//gQ3/wARQBZoqt5l9/z72/8A4EN/8RRQBZooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA//9k=)

**Gambar 4.6 Data *Describe***

Gambar 4.6 diatas menjelaskan tentang data atau mendeskripsikan setiap data yang akan digunakan dengan berdasarkan *count, mean, std, min*, 25%, 50%, 75%, dan *max*.

**4.1.1.1 Analisis Tentang Pasien *HCC***

Pada bagian ini akan menjelaskan tentang pasien terkait dalam penelitian yang akan kami teliti yaitu pasien penderita *HCC* *(Hepatocellular Carcinoma)*.

Graphical user interface, text, application

Description automatically generated

**Gambar 4.7 Info Tentang Pasien *HCC***

Gambar 4.7 menampilkan *source code* dan hasil dari *source code*nya yang menunjukkan info tentang pasien HCC *(Hepatocellular Carcinoma)*, berdasarkan kategori dari yang berumur paling tua yaitu umur 93 tahun sampai yang muda yaitu umur 20 tahun dan rata-rata dari pasien penderita HCC sebesar 64.69% atau sekitar umur 65 tahun beserta median dari umur pasien sekitar 66 tahun.

Graphical user interface, text, application

Description automatically generated

**Gambar 4.8 *Source Code* Pembuatan Plot Untuk Tingkat Bertahan dan Tidak Bertahan Pasien *HCC***

Chart

Description automatically generated

**Gambar 4.9 Plot Hasil Tingkat Bertahan dan Tidak Bertahan Pasien *HCC***

Pada Gambar 4.8 merupakan *source code* untuk membuat plot terhadap tingkat bertahan hidup dan tidak bertahan hidup pasien *HCC* agar dapat melihat hasil dari pasien yang bertahan dan tidak bertahan dengan melihat perbedaannya dari bagian warna yang sudah ditandai jika pasien hidup atau bernilai ‘1’ maka berwarna “*darkturqoise*” dan jika pasien meninggal bernilai ‘0’ dan ditandai dengan warna “*lightcoral*”. Untuk Gambar 4.9 merupakan hasil dari plot yang telah dibuat, dimana pasien yang hidup rata-rata berumur 40-70 tahun sedangkan pasien yang meninggal rata-rata berumur 60-70. Jadi untuk pasien yang bertahan hidup dan tidak bertahan hidup rata-rata berada di umur 60.

A picture containing text

Description automatically generated

**Gambar 4.10 Membuat *Binning* pada Data *Age***

Chart, bar chart

Description automatically generated

**Gambar 4.11 Hasil *Binning* pada Data *Age***

Pada Gambar 4.10 ada program untuk membuat *binning* pada data yaitu data *age*. *Binning* adalah cara untuk mengelompokkan suatu data ke dalam jumlah yang lebih kecil pada “*bins*”. Metode *binning* ini sangat membantu ketika memiliki banyak kategori data dalam kolom daripada yang seharusnya dibutuhkan, sehingga dapat menyederhanakannya melalui *binning*[36]. Untuk melakukan *binning* dimulai dengan

mengurutkan setiap nilai pada sebuah atribut. Kemudian data yang sudah diurutkan dibagi ke dalam beberapa partisi atau bin yang memiliki frekuensi yang sama (*equal-frequency partitioning*). Ada dua cara *smoothing* dalam metode binning, yaitu *smoothing by bin means* dan *smoothing by bin boundaries*. Dalam s*moothing by bin means* dilakukan dengan mengubah setiap nilai dalam bin dengan *mean* dari bin tersebut. Sedangkan dalam *smoothing by bin boundaries* setiap nilai dalam bin diubah menjadi batas bawah (minimum) dan batas bawah (maksimum) pada setiap bin[37]. Pada penelitian kami menggunakan cara *smoothing by bin boundaries* yang dapat dilihat pada Gambar 4.11.

Pada penelitian ini kami menggunakan *binning* untuk mengelompokkan suatu data menjadi satu kategori contoh data *age* agar dapat lebih mudah untuk dilihat dan dimengerti. Pengelompokkan ini dikategorikan menjadi 5 kategori yaitu mulai dari kategori kelompok 0, 20, 50, 75 dan 100. Pada Gambar 4.12 yang menjelaskan lebih detail tentang hasil dari *binning* yang dilakukan sehingga dapat disimpulkan bahwa

pasien yang bertahan hidup dan tidak bertahun hidup berada pada rentang usia 50 – 70 tahun atau pada Gambar 4.11 dapat dilihat dari segi diagram yang paling tinggi yang termasuk didalamnya kategori usia 50 – 70 tahun.

![Chart, histogram

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDiRXhpZgAATU0AKgAAAAgABAE7AAIAAAAIAAAISodpAAQAAAABAAAIUpydAAEAAAAQAAAQyuocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAG1mbGlvbnkAAAWQAwACAAAAFAAAEKCQBAACAAAAFAAAELSSkQACAAAAAzM4AACSkgACAAAAAzM4AADqHAAHAAAIDAAACJQAAAAAHOoAAAAIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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**Gambar 4.12 Distribusi Data Usia Pasien *HCC***

Hasil Gambar 4.12 tidak berbeda jauh dari Gambar 4.13 karena hanya menampilkan plot dari penggunaan bining tetapi tidak terlihat seperti dikategorikan tetapi hasilnya tetap sama yaitu pasien yang bertahan hidup dan tidak ada dalam rentang usia 50 – 70 tahun.

**4.1.1.2 Penggunaan Alkohol Setiap Hari pada Pasien**

Pada bagian ini peneliti ingin menampilkan bagaimana penggunaan alkohol setiap hari pada pasien penderita *HCC* yang bertahan hidup.

A picture containing table

Description automatically generated

**Gambar 4.13 *Grams of Alcohol per Day***

Pada Gambar 4.13 menjelaskan tentang bagaimana maximal data pada penggunaan alkohol per hari dengan batasan 500 dan untuk minimal yaitu 0. Rata-rata orang yang bertahan hidup saat mengkonsumsi beberapa gram alkohol per hari adalah sekitar 71.00% atau dalam rentang 70 gram dan sekitar <100 gram per hari orang tersebut mengkonsumi alkohol dan bertahan hidup.

Chart, line chart

Description automatically generated

**Gambar 4.14 Histogram Penggunaan Alkohol per Gram Setiap Hari**

Hasil dari Gambar 4.14 ditujukkan dengan plot yang memperlihatkan hasil dari berapa gram untuk konsumsi alkohol agar sehingga dapat bertahan hidup. Dan dari hasil yang ada dapat disimpulkan bahwa sekitar <100 gram alkohol dapat bertahan hidup sedangkan saat 100 gram alkohol dikonsumsi banyak yang tidak dapat bertahan hidup.

**4.1.1.3 Penggunaan Rokok Setiap Tahun pada Pasien**

Pada bagian ini peneliti ingin menjelaskan bagaimana penggunaan rokok per bungkus setiap tahun pada pasien penderita *HCC* yang bertahan hidup.

Graphical user interface

Description automatically generated

**Gambar 4.15 *Packs of Cigarets per Year***

Gambar 4.15 menunjukkan tentang bagaimana maximal data pada penggunaan rokok per tahun dengan batasan 510 dan untuk minimal yaitu 0. Rata-rata orang yang merokok per bungkus setiap tahunnya adalah sekitar 20 bungkus, untuk itu mereka dapat bertahan hidup ketika terkena penyakit *HCC*.

Chart, line chart

Description automatically generated

**Gambar 4.16 Histogram Penggunaan Rokok Setiap Tahun**

Hasil pada Gambar 4.16 menunjukkan bahwa orang yang bertahan hidup mengkonsumsi sekitar 20 bungkus rokok per tahun sedangkan orang yang >20 bungkus rokok tidak dapat bertahan hidup.

**4.1.1.4 ANALISIS TENTANG BERTAHAN DAN TIDAK BERTAHAN HIDUP PASIEN**

Pada bagian ini akan menganalisis tentang perbedaan rentang usia wanita yang bertahan hidup dan tidak bertahan hidup, dan rentang usia pria yang bertahan hidup dan tidak sehingga analisis yang dilakukan akan didapati hasil tentang info pasien wanita dan pria yang bertahan hidup dan tidak bertahan hidup ketika menderita penyakit *HCC*.

![A picture containing graphical user interface, text

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDiRXhpZgAATU0AKgAAAAgABAE7AAIAAAAIAAAISodpAAQAAAABAAAIUpydAAEAAAAQAAAQyuocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAG1mbGlvbnkAAAWQAwACAAAAFAAAEKCQBAACAAAAFAAAELSSkQACAAAAAzUzAACSkgACAAAAAzUzAADqHAAHAAAIDAAACJQAAAAAHOoAAAAIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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**Gambar 4.17 Membuat Diagram Untuk Tingkat Kehidupan Pria dan Wanita**

![Chart, histogram

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDiRXhpZgAATU0AKgAAAAgABAE7AAIAAAAIAAAISodpAAQAAAABAAAIUpydAAEAAAAQAAAQyuocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAG1mbGlvbnkAAAWQAwACAAAAFAAAEKCQBAACAAAAFAAAELSSkQACAAAAAzUxAACSkgACAAAAAzUxAADqHAAHAAAIDAAACJQAAAAAHOoAAAAIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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**Gambar 4.18 *Barplot* untuk Tingkat Bertahan Hidup dan Tidak Bertahan Hidup pada Pria dan Wanita**

Hasil dari Gambar 4.18 merupakan perbandingan bahwa rentang usia wanita untuk bertahan hidup adalah sekitar 40 tahun dan 70 - 80 tahun, untuk tingkat tidak bertahan hidup sekitar 80 tahun. Sedangkan untuk rentang usia pada pria dengan tingkat bertahan hidupnya adalah 70 tahun, untuk tidak dapat bertahan hidup sekitar 60 – 80 tahun.

**4.1.1.5 *MISSING VALUES***

Pada penelitian terdapat beberapa *missing value* yang perlu diperbaiki dengan cara dilakukannya penghilangan pada atribut-atribut yang mempunyai *missing value*.

Graphical user interface, text, application, email

Description automatically generated

**Gambar 4.19 *Missing Value***

Pada Gambar 4.19 merupakan proses untuk mencari *missing value* pada data yang nantinya penulis akan gunakan dengan adanya total dan persentasi dari setiap data yang nantinya akan ditampilkan.

Table

Description automatically generated

**Gambar 4.20 Hasil dari Beberapa Data yang *Missing Value***

Gambar 4.20 menunjukan hasil dari 15 data yang memiliki *missing value* terbanyak dengan presentasi tertinggi yaitu 48%.

Graphical user interface, text, application, email

Description automatically generated

**Gambar 4.21 *Null Value***

Pada tampilan Gambar 4.21 dijelaskan bahwa ada beberapa data yang memiliki *null value* dan akan ditampilkan dengan menggunakan plot agar lebih untuk dilihat tampilannya.

Chart, histogram

Description automatically generated

**Gambar 4.22 Hasil dari Data yang Memiliki *Null Value***

Hasil yang telah ditunjukkan oleh plot Gambar 4.22 diatas dapat diketahui bahwa yang memiliki data *null value* terbanyak adalah atribut *ferritin* dengan jumlah sebanyak 80.

Graphical user interface, application

Description automatically generated

**Gambar 4.23 Pengelompokkan *Class Atribut* dengan *Null Value***

Pada penelitian kami, dapat berdasarkan hasil dari Gambar 4.23 untuk nilai atribut ‘0’ memiliki *null value* sebanyak 63, sedangkan untuk nilai ‘1’ memiliki *null value sebanyak* 102 dan ini dihitung berdasarkan rata-rata dari setiap masing-masing atribut yang memiliki *null value*.

A picture containing graphical user interface

Description automatically generated

**Gambar 4.24 *Syntax* *Drop* Data *Null Value***

Dengan menggunakan *syntax* yang telah ditampilkan melalui Gambar 4.24 maka untuk data yang memiliki *null value*, dilakukannya *drop* pada kolom *null value* agar tidak ada lagi data yang memiliki nilai *null value*.

**4.1.1.6 *HeatMap with NaN***

Pada penelitian ini kami menggunakan *HeatMap* untuk dapat mengetahui hasil yang tertinggi pada tampilan *HeatMap* yang nantinya akan ditampilkan.

Graphical user interface, text, application

Description automatically generated

**Gambar 4.25 Code *HeatMap with NaN***

Contoh Gambar 4.25 diatas merupakan *syntax* yang akan memunculkan proses dari *HeatMap* yang pada setiap data memiliki nilai *NaN*.

A picture containing chart

Description automatically generated

![Table

Description automatically 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**Gambar 4.26 *HeatMap with NaN***

Hasil pada Gambar 4.26 terdiri dari beberapa data dengan memiliki tingkat warna berdasarkan *HeatMap*. Dapat diketahui bahwa data yang memiliki warna gelap yaitu merah memiliki nilai *NaN* yang tertinggi contohnya ada data *platelets* yang memiliki hubungan dengan data *eshopageal\_varices* dengan nilai -0.40.

**4.1.1.7 *Working with Missing Values***

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**Gambar 4.27 *Working with Missing Value***

Gambar 4.27 untuk mempersiapakan dan mencari nilai yang paling sering untuk *output* kelas keputusan seperti 0 atau 1. Jadi, nilai *NaN* yang ada dalam penelitian kami bukan dalam bentuk angka untuk itu akan dilakukannya *missing values* pada *NaN*.

Graphical user interface, text, application, email

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**Gambar 4.28 *Replace* nilai *NaN***

Gambar 4.28 diatas akan mengganti *NaN* dengan nilai yang paling sering untuk *output* kelas keputusan seperti 0 atau 1.

**4.1.1.8 *Nominal Value***

Graphical user interface, text, application, email

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**Gambar 4.29 *Nominal Value***

Pada penelitian kami, untuk tahap *preprocessing* merupakan tahap untuk melakukan pembersihan data agar dapat *balance* dan tidak ada *missing value*. Pada Gambar 4.29 menjelaskan bagaimana nilai *NaN* akan diganti dengan nilai yang ada pada kolom *nominal\_indexes*. Ini merupakan salah satu cara untuk mengganti nilai yang *missing value* yaitu dengan mengubahnya menjadi *nominal value* atau nilai yang dikategorikan.

**4.1.1.9 *Continuous Value***

Data berkelanjutan dapat mengambil nilai apa pun (dalam rentang).

Graphical user interface, text, application, email

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**Gambar 4.30 *Continuous Value***

Dalam hal ini, pada penelitian ini ada hubungannya dengan *K-NN*, contohnya pada Gambar 4.30 ditampilkan bahwa *K-NN imputation* digunakan pada penelitian kami untuk mengatasi missing data dengan mengisi nilai yang hilang dengan suatu

nilai berdasarkan informasi lain yang didapat dari data tersebut. Pada continuous value ini juga mengimputasi tetangga terdekat yang membebani sampel, menggunakan perbedaan rata-rata kuadrat pada fitur dan yang dua barisnya memiliki data observasi.

Dilakukan juga 1 metode *K-NN* yaitu dengan mengambil nilai k = 3.

**4.1.1.10 *Integer Value***

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**Gambar 4.31 *Integer Value***

Pada bagian ini di Gambar 4.31 akan mempersiapkan untuk nilai *integer* yang hilang. Sebelum itu data yang memilki nilai *integer* adalah data *age* dan *number\_of\_nodules*, setelah itu *replace* *NaN* pada *integer\_columns* yang sudah dimasukkan nilainya.

**4.1.1.11 *Ordinal Value***

Nilai dari ordinal tidak jauh berbeda dari nilai kategorikal dan yang membedakannya hanya adanya urutan kategori yang jelas.

Graphical user interface, text, application, email

Description automatically generated

**Gambar 4.32 *Ordinal Value***

Pada gambar 4.32 yang menjelaskan bagaiamana mempersiapakn nilai ordinal yang hilang dan kemudian akan *replace NaN* pada ordinal columns yang memiliki 3 data didalamanya. Caranya mirip seperti *integer value*, namun yang membedakannya hanya pada tipe data yang akan digunakan.

**4.1.1.12 *Ordinal Columns Binarizing***

Mengambil data yang ada pada *dataset* kemudian akan diubah ke dalam tipe data biner.

Graphical user interface, text, application, email

Description automatically generated

**Gambar 4.33 *Ordinal Column Binarizing***

Gambar 4.33 menunjukkan cara untuk mengubah data normal seperi *encephalopathy\_degree, ascites\_degree, performance\_status.* ke dalam bentuk biner

dan kemudian memodelkannya dalam bentuk *matrix.*

**4.1.1.13 *Binarizing Number of Nodules***

Mengubah data *number\_of\_nodules* pada *dataset HCC* ke dalam bentuk biner.

Graphical user interface, text, application, email

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**Gambar 4.34 *Binarizing Number of Nodules***

Bagian Gambar 4.34 menunjukan bagaimana melakukan *binarizing* pada data *number\_of\_nodules* yang kemudian ada beberapa yang di *list* dan dijadikan *binarized*.

**4.1.1.14 *Age Averaging***

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**Gambar 4.35 *Age Averaging***

Gambar 4.35 menjelaskan tentang rata-rata dari data *age* dengan menggunakan kode sintaks lambda yang berfungsi mengembalikan nilai atau jumlah dari 2 argumen yang digunakannya.

**4.1.1.15 *Splitting Data***

![Graphical user interface, text, application, email, Teams

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDiRXhpZgAATU0AKgAAAAgABAE7AAIAAAAIAAAISodpAAQAAAABAAAIUpydAAEAAAAQAAAQyuocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAG1mbGlvbnkAAAWQAwACAAAAFAAAEKCQBAACAAAAFAAAELSSkQACAAAAAzk0AACSkgACAAAAAzk0AADqHAAHAAAIDAAACJQAAAAAHOoAAAAIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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NQsLfVNOnsb1Ge3uIzHKiuyFlPBGVII/A1mW/g7SLW1uIIPt6i4VUaU6ncmZVU5CpKZN6Ln+FSB7Uh9iFvFElt4a0jUZNMvtQm1BY18qzjjRg7pkZVpcKMjH32A7nALVX1Xx/p+jeHbbVtQtJ4Fnne3NvPcWsDxuhYMC0kyxnBQ/dds9sjmrtr4N0iztLW1g/tDybS4W4gV9Vun2OowBlpCSuP4D8vtTJPBOiyWywEaggWWWUSR6rdJIDIQXHmLIG2kgHbnbkZxmm79P6/rX8A0v8A15/8D8R2oeKls5LBLPR9S1T+0ITLbtZrFhsAHaS7rtO05y2F7Z3EA2P7WuD4nt9OeynhgktHn86RYyrsCg2hhJuBXdyChByMNxg1pfBejy/YctqafYIRDb+Vq93HtQdjtlG4+pbJIABOAKmuvCum3uuJq076iLuMgr5eqXMca4xx5ayBMHaMjbg45zT0voTrYhTxXv8AFZ0M6NqKMFeQ3bmARBF/jI83zApPyglOTnHAJrK0X4qeG9dmuks5j/o9u1yhWaGVpo1IBIjikZ1PzL8sio3PTIIGtB4L0S28Qy63DDdC+mmM8hN/cNG8mwpuMRfZkKcD5eB0xT7TwhpFn56xJdvBPE0L2s+oTzW4Q9VWF3KKOw2qMDgYHFJba9vxKdrkOha/f6pr9/aXumXGmx29vDJHBdRKJAXMgJ3xyOjg7BgAgjnPUVd13WzokFvIum3uotcTCBI7MRlgxBIzvdRjjGc8ZycDJGavhr/hH5Hv/C9m17qMyiGU6rrd0QYhkj5nExOD0G3jc2CMnNiGw1DWjE3ijT7ezaznS4tf7N1adwzjPL4jiyOfuncDk5FG4u/9dP8AMW18Ti7WIR6TqAllguJRC3khg8LhHiP7zG/ceDnYf71UH8fRieCKDw9rNwZ7eGeMxLBgiUEouTKPmyjA9htJJxgm7J4L0aS0W2Zb4Ik0k6sup3KyBpOXG8SbtpPJTO3POKbaeB9CspIntor1PJWJY1OpXJVFiJKAKZMADJGMdCQeCRQH9f5FGx8byyT3LXGmXk9iskbi9t7dUjtoZIkdfM3SbmYbzkxhsAAkCnWPxJ0DUPFzeHreYfaRNJbo5uIDvljzuTyxIZVxtblkCnHBOVzYtfh/4es5kkggvMKUJjfUrl45NgATejSFX2hVwGBxgVfg8M6dbaw2pW5vo5mdpDEuo3AgLNncfI3+XyST93qc9eaelw6EWkeJJNXv5rdND1O1S3d4pbm5EIjV1P3RiQlsjByoK84JDAgX9U1GPStPe6kimnIZUSGBQXldmCqq5IGSSBkkAdSQATWZbeHI/D0NzceG4ri5vJekOpazdNCxLAsSXMu09TkJk9O9LFBrGswzWXifStPtbN1BD2GrTSSbwwIwfJiKYxkMrZBAx60uiDrfoVtQ8W3UPhu/vLXQr9dQtSEaxn8nfGWHyuSJdjLyD8r56jgg40/Ds2rT6LHL4hjWG9Zm3RiBYdozgZVZph75Dnr26VXbwfpL6PLpj/2g1vNIJJGbVLkzOQMDMvmeYRx93dj2ps0WuaRHDZ+HNOs7+0jTmXVNanE24kkjJhlZh05Le2MCgNRuteLP7F1CS2bRNUvFitvtUtxbCExxxgkMTukU5GOgBJz8oODhreKY7W+ltxpeoTWsE5iuNQjWPyYHY5AILiRuGXJVGAzyeGxI3hyHWI5bnX7Z4L27tTaXMNnqlwYvL3ZwpHl8/wC0EVuSM46ti8JaVJdJduL7zI5MlBqVwI5ChwrSR+ZskOFXJYEnAznFC8/6/pfiD8v6/rUqzeLbqTXbC2sdKvBZT3UsBu5YFMdzsjckRkSbkO5MZkQKwBweQa0bHxANSks4oLK5tzfWH2yGacRlF5UFGCvncN6k4+U54aoj4M0Q6tHqXlXSzxTm4jVb+dYo5DnLLEH2KTls4X5tzZzuOW2/gjRLS8a6t0vo5jHJEpGp3OI0f7yoPMwg6EBcAEAjBAwdNR9dP61IR4o/sXwdcav4puLdmtLiSCSS2j8hJGExjTAkkITJ2jLPgZySB0rQfEvRLjwlc6/Dl4LWcW80S3dsdjnGAZRL5IGGBz5mOcfe4rRtfBmj2djdWcQ1B4LohpBPqlzMQwbdvRnkJRt3zblIOcHOQKlHhXT10ttPFxq3ktL5pc6zdmXdjGBL5u8L/s7sd8Uf1/X4hpf7/wDgEVr4mTUvD+na1YxFbS6nSN1kZHba7+WCrRsyH5ypyCQVzjqK0bu9ktdSsIiFMN07wnj5g4Qup+mEcHvkr71HDoVnb2VpaQ+cLe1m84K8rSGRsk5dnJZjuO7JOdwBzVmWzjnvre5kLFrcN5acbQzDG76gZA9mb1p6XEWKKKKQBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBBd25urcw79isRu4zkdx+NPlhWa3eFh8jqVP0p7MFUsxAAGST2qGO8hldVQv833SY2Ct9CRg0AQixkTyXjuMTxp5ZcplXX3Gf60+a1kngUSTL5qSB1cJgAjtjPT8atUjMq43EDJwMnvQBB9mZruK4eQFo4yhAXAOcc9eOlMFgBqX2rf8uM+XjjdjG7P0q3SMwVSzEAAZJPagCqbORbmaSGcIs2N4KZIwMcHPHHqDTF07bp8NusvzwsGVyvcHPIz/WrEV1FO2I9/TILRsoI9iRzUxOBk8CgCrJaytNHPHMqTquxj5eVcfTOevvU8SyKn71w7Z6qu0flzSiRDtw6/P93n730oVw+7G75Tg5Uj+fWgCtqFgL+NFMhjKtncBnIxgj8aL+xF7bLEJDEVOQwHTjH8jVuigCvcWgntkhVtgRlI4z905x+lFWKKAJ5FLLx61F5ben61PRQBB5ben60eW3p+tT0UAQeW3p+tHlt6frU9FAEHlt6frR5ben61PRQBB5ben60eW3p+tT0UAQeW3p+tHlt6frU9FAEHlt6frR5ben61PRQBB5ben60eW3p+tT0UAQeW3p+tHlt6frU9FAEHlt6frR5ben61PRQBB5ben60eW3p+tT0UAQeW3p+tHlt6frU9FAEHlt6frR5ben61PRQBB5ben60eW3p+tT0UAQeW3p+tHlt6frU9FAEHlt6frR5ben61PRQBB5ben60eW3p+tT0UAQeW3p+tHlt6frU9FAEHlt6frR5ben61PRQBB5ben60eW3p+tT0UAQeW3p+tHlt6frU9FAEHlt6frR5ben61PRQBB5ben60eW3p+tT0UAQeW3p+tHlt6frU9FAEHlt6frR5ben61PRQBB5ben60eW3p+tT0UAQeW3p+tHlt6frU9FAEHlt6frR5ben61PRQBB5ben60eW3p+tT0UAQeW3p+tHlt6frU9FAEHlt6frR5ben61PRQBB5ben60eW3p+tT0UAQeW3p+tHlt6frU9FAEHlt6frR5ben61PRQBB5ben60eW3p+tT0UAQeW3p+tHlt6frU9FAEHlt6frR5ben61PRQBB5ben61HDDIkZDLg72PX1YmrdFAEHlt6frR5ben61PRQBB5ben60eW3p+tT0UAQeW3p+tHlt6frU9FAEHlt6frR5ben61PRQBB5ben60eW3p+tT0UAQeW3p+tHlt6frU9FAEHlt6frR5ben61PRQBB5ben60eW3p+tT0UAQeW3p+tHlt6frU9FAEHlt6frR5ben61PRQBB5ben60eW3p+tT0UAZ2pRv9jJI+QOpk/wB0MM/pRM86TwGMxvFKSAAOfuk5Bzjt6Vo1DHaW0Mhkht4o3PVlQA/nQBlRh/sdvdLLI00jqCPMJU5OCu3oMc9u1WNSt98UW/cP3yD5XK9SPQ1fW2gWYzLDGJT1cINx/GnSRpLGUlRXQ9VYZBoAyvKM010JZZI/IwFCyldq7c7jzz3656VPHG1xpi/ahgSRDfk46jn6Vbe1t5ChkgicpwhZAdv09KkZVdSrqGVhggjIIoAyJZbqzWSFtszCFpI3AweP7w/Hr+lNitrhlJdh5UkRJ23LOX6YI4GPw9a1YbaC3z9nhji3ddiBc/lRFbQQMzQwRxs33iiAZoAx47RTHpvMnzD/AJ7N/cz61IwmfavmOu67ZCQ3OMHitT7Jb+X5f2eLZu3bdgxn1x60/wAqP+4v3t3Tv6/WgDF/eLIbUySCP7Ts3Fzuxs3Y3detOEUxku4IJ2O1kCh5Tx3K7uoz69a057cSROkawgucv5kW8N9RkZqODT4o4XSZIpBIRuURgIAOgC84FAEdmvm2pCrKoDMrCR8sDnkZz/WirqIsaBI1VFUYCqMAUUAJL90fWoaml+6PrWZqM9xE1pHaNEjzziNmlQuAu1mPAI5+XHXv3oAu0UVShnuTrN1bzPE0KxRyRBYyrLksCGO4g/d7AUB0uXaKK5G913W4PFJ0KKfTxcXE0ctrI9sSqW2GLh/3wJk+RtuAAcZAIV9h1sHS511FIxKqSFLEDIA6muXs/HlpNaTXeo6VqWk2kVpLeCe9SLa8cRAkwI5HbIyOoGeq5HNA7XOporjNL+J2kazZzzadbT3ElvNDHLBBdWkzKJW2I5aOZkC7sgjduHXbggnoNI12DWproWUUjW0BQR3gkjeG5DKGzGyOSQARnIHXjNOwjTorC8V+LbHwhp8N3qSM6TSeWoE8EIzgn780iJ26bsnsDg4z5/Gc9rfmU6Zd3enSafDfD7NCge1Ql97Ss0oVhgKQqAt97AbslqG39fI62iudv/G2mad4vtPDtxkXV2qlH+0QDBbO0eWZBKcleqoQM8kYOEsvGKXd0El0XVbS3+0PateXCRCJZVYrs+WQsckcMFKZON2eKPMDo6K5Pwv8SNB8W6rJYaVKDKIjNETcQP50YIBbbHIzp95eJFRuenBx1lAdbBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAE0v3R9aoXtn9sEOJ5YGhlEqvFtznBGPmBGCCRRRQBZqtFZeVqNxdmeWRplVBG23bGFzwuADyWJ5JoooAs1h3Pg7Rrprt5oroteXUd3KVv51JljxsZcP8uMDhcDgccCiigBkF14tluUjvNE0aK2ZsSSQ61M0ir3Kr9mXJx23D6inweDtGt0t0WK6kjt7eW2RJ7+eVTHIcurB3IfP+1nGBjGBRRQA6DwnpcFhd2RbULi3vFCSrd6pc3BwOm0ySMU69VwenoKtpothFZXdrbQtbRXjs832aVomLMACwZCGU8DkEGiigCPUtAs9Vt4IbmbUEWAYQ2upXFux4x8zRupfp/ETVabwfo84mDR3SpNZrYukd/OimFeihVcAHr8w+bk88miigBs/gzR7m8jupBqAkjaN8R6pcortGAFZ0WQK7YVfmYEnAyTVPQvBS6dqdxqGq3S3073UlzCsXnxQxs5JJMLTPGXG7AcKpx+dFFAdLGppfhrTtGumn09r5NylBDJqNxLCi5BwkTuUQDGBtUYHAwOK1qKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAP/Z)

**Gambar 4.36 *Splitting Data***

Pada gambar diatas yaitu Gambar 4.36 menunjukan tentang *split* data atau pembagian data namun sebelumnya, kami telah memiliki nilai ordinal binari sehingga kami tidak ingin memasukkan bentuk awalnya ke *dataset* kami dan nilai kolom usia telah dirata-ratakan. Untuk itu dari 50 kolom yang ada akan dihapus 5 kolom lagi sehingga akan tersisa menjadi 45 kolom saja.

**4.1.1.16 *Standarization – Optional***

Graphical user interface, text, application

Description automatically generated

**Gambar 4.37 *Standarization – Optional***

Standarisasi fitur dengan menghilangkan mean dan menskalakan ke unit varians. Pada Gambar 4.37 untuk fungsi *fit* harus dipaskan dengan data lalu akan ditransform dalam *(x\_new)*.

**4.1.1.17 *Splitting Data Into Train and Test***

Table

Description automatically generated

**Gambar 4.38 *Split Data into Train and Test***

Pada Gambar 4.38 Untuk mengevaluasi seberapa baik model yang diawasi digeneralisasi, kita dapat membagi data menjadi satu set pelatihan dan satu set pengujian. Nilai X sebagai ciri dari variabel bebas dan y sebagai label. Untuk *testing* sebesar 20% dan *training* sebesar 80%.

**4.1.2 Visualisasi Algoritma *Random Forest***

Graphical user interface, text, application, email

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**Gambar 4.39 Visualisasi *Random Forest***

Bagian Gambar 4.39 menampilkan penggunaan *library* yang akan digunakan untuk *Random Forest* dan menghitung prediksi juga *error* yang nantinya akan ditampilkan pada hasil akhir

Table

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**Gambar 4.40 Hasil *Mean Squared Error***

Gambar 4.40 menunjukan hasil ketika mengimport *mean\_squared\_error* pada data training dan data testing.

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**Gambar 4.41 *Syntax* untuk Melihat *Feature Importance* pada Atribut -Atribut *Dataset* yang ada**

Table

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**Gambar 4.42 Hasil *Feature Importance***

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**Gambar 4.43 Hasil *Scoring* Algoritma *Random Forest***

Pada bagian ini, Gambar 4.43 menunjukkan hasil dari Algoritma *Random Forest* setelah diprediksi adalah 100%.

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**Gambar 4.44 Hasil Prediksi Menggunakan Algoritma *Random Forest***

Setelah hasil yang ditampilkan pada Gambar 4.44 disimpulkan bahwa *accuracy* dari prediksi menggunakan algoritma *Random Forest* adalah 100%, begitu juga dengan *precision* dan *recall* yang memiliki nilai sama yaitu 100%.

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**Gambar 4.45 Syntax untuk *Cross Validation* Menggunakan Algoritma *Random Forest***

**Tabel 4.1 Hasil *Cross Validation* Menggunakan Algoritma *Random Forest***

|  |  |  |  |
| --- | --- | --- | --- |
| **Hasil *5-Fold Cross Validation Random Forest*** | | | |
| ***Algorithm*** | ***Accuracy (%)*** | ***Recall (%)*** | ***Precision (%)*** |
| *Random Forest* | 100% | 100% | 100% |

Tabel 4.1 menunjukkan hasil ketika menggunakan *Cross Validation* pada algoritma *Random Forest.* Pada penelitian ini juga kami menggunakan *5-Fold Cross Validation* yang lebih menunjukkan keseimbangan antara *precision* dan *recall* dan lebih cocok digunakan dalam penelitian kami karena dapat menaikkan jumlah *precision* dan *recall* lebih tinggi lagi sehingga mendapat model terbaik dibandingkan hanya mengandalakan akurasi saja. Dapat dilihat juga bahwa hasil menggunakan *Cross Validation* adalah 100% bersamaan dengan nilai *accuracy,* *precision* dan *recall* yang juga memiliki nilai akhir yang sama.

**4.1.3 Visualisasi *Algoritma Logistic Regression***

Karena pada penelitian ini kami ingin membandingkan hasil *test* algoritma *Random Forest* dengan algoritma lain, maka pada bagian ini akan ditunjukkan hasil dari modelling algoritma *Logistic Regression* yang menjadi salah satu algoritma pembanding di penelitian ini.

Graphical user interface, text, application, email

Description automatically generated

**Gambar 4.46 *Logistic Regression Syntax***

Gambar 4.46 menampilkan bagaimana pembuatan kode untuk *Logistic Regression* dan hasil *scoring* setelah diprediksi yaitu 96.97%.

Table

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**Gambar 4.47 Hasil Prediksi Menggunakan Algoritma *Logistic Regression***

Setelah hasil yang ditampilkan pada Gambar 4.47 dapat disimpulkan bahwa *accuracy* dari prediksi menggunakan algoritma *Logistic Regression* adalah 96.97%, dengan *precision* dan *recall* yang memiliki nilai sama yaitu 97%.

Graphical user interface, text, application, email

Description automatically generated

**Gambar 4.48 Syntax untuk *Cross Validation* Menggunakan Algoritma *Logistic Regression***

**Tabel 4.2 Hasil *Cross Validation* Menggunakan Algoritma *Logistic Regression***

|  |  |  |  |
| --- | --- | --- | --- |
| **Hasil *5-Fold Cross Validation Logistic Regression*** | | | |
| ***Algorithm*** | ***Accuracy (%)*** | ***Recall (%)*** | ***Precision (%)*** |
| *Logistic Regression* | 97.58% | 97.00% | 97.00% |

Tabel 4.2 menunjukkan hasil ketika menggunakan *Cross Validation* pada algoritma *Logistic Regression.* Pada penelitian ini juga kami masih menggunakan *5-Fold Cross Validation*. Dapat disimpulkan bahwa hasil menggunakan *Cross Validation* adalah 97.58% dan nilai *precision* dan *recall* yang juga memiliki nilai akhir yang sama yaitu 97.00%.

**4.1.4 Visualisasi Algoritma *K-Nearest Neighbor***

Pada penelitian ini juga kami menggunakan algoritma *K-Nearest Neighbor* sebagai pembanding terhadap algoritma utama yang kami gunakan yaitu *Random Forest*.

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**Gambar 4.49 *K-Nearest Neighbor Syntax***

Table

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**Gambar 4.50 Hasil Prediksi Menggunakan Algoritma *K-Nearest Neighbor***

Setelah hasil yang ditampilkan pada Gambar 4.50 dapat disimpulkan bahwa *accuracy* dari prediksi menggunakan algoritma *K-Nearest Neighbor* adalah 69.70%, dengan *precision* sebesar 74.00%dan *recall* yang memiliki nilai yaitu 70.00%.

**Tabel 4.3 Hasil *Cross Validation* Menggunakan Algoritma *K-Nearest Neighbor***

|  |  |  |  |
| --- | --- | --- | --- |
| **Hasil *5-Fold Cross Validation K-Nearest Neighbor*** | | | |
| ***Algorithm*** | ***Accuracy (%)*** | ***Recall (%)*** | ***Precision (%)*** |
| *K-Nearest Neighbor* | 84.29% | 82.00% | 83.00% |

Tabel 4.3 menunjukkan hasil ketika menggunakan *Cross Validation* pada algoritma *K-Nearest Neighbor.* Pada penelitian ini juga kami masih menggunakan *5-Fold Cross Validation*. Dapat disimpulkan bahwa hasil menggunakan *Cross Validation* adalah 84.29% dan nilai *precision* 83.00% dan *recall* 82.00%.

**4.1.5 Visualisasi Algoritma *Naïve Bayes***

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Description automatically generated

**Gambar 4.51 *Naïve Bayes Syntax***

Table

Description automatically generated

**Gambar 4.52 Hasil Prediksi Menggunakan Algoritma *Naïve Bayes***

Setelah hasil yang ditampilkan pada Gambar 4.52 dapat disimpulkan bahwa *accuracy* dari prediksi menggunakan algoritma *Naïve Bayes* adalah 69.70%, dengan *precision* sebesar 74.00%dan *recall* yang memiliki nilai yaitu 70.00%.

**Tabel 4.4 Hasil *Cross Validation* Menggunakan Algoritma *Naïve Bayes***

|  |  |  |  |
| --- | --- | --- | --- |
| **Hasil *5-Fold Cross Validation Naïve Bayes*** | | | |
| ***Algorithm*** | ***Accuracy (%)*** | ***Recall (%)*** | ***Precision (%)*** |
| *Naïve Bayes* | 99.53% | 82.00% | 83.00% |

Tabel 4.4 menunjukkan hasil ketika menggunakan *Cross Validation* pada algoritma *Naïve Bayes.* Pada penelitian ini juga kami masih menggunakan *5-Fold Cross Validation*. Dapat disimpulkan bahwa hasil menggunakan *Cross Validation* adalah 99.53% dan nilai *precision* 83.00% dan *recall* 82.00%.

**BAB V**

**KESIMPULAN DAN SARAN**

**5.1 Kesimpulan**

Berdasarkan pembahasan dan analisis dari penelitian ini yang sudah kami tulis, diperoleh kesimpulan bahwa hasil prediksi kami menggunakan algoritma *Random Forest* sangat cocok digunakan pada penelitian kami karena modelnya memang sangat bagus sehingga *accuracy*, *precision* dan *recall* mencapai 100% *pada Independent Test* begitu juga ketika menggunakan *Cross Validation* mendapat 100% dan didukung juga oleh penelitian dari *Aliady*[25] yang memiliki *accuracy* yang baik sebesar 94,5%, untuk itu *Random Forest* ini merupakan algoritma yang tepat dan sangat baik dalam penggunaannya. Penelitian ini juga meneliti 2 parameter yang mempengaruhi tingkat kehidupan para penderita HCC untuk bertahan hidup atau tidak, dengan melihat dari faktor penggunaan rokok dan faktor penggunaan alkohol.

Adapun beberapa algoritma-algoritma yang digunakan sebagai pembanding untuk melihat mana algoritma yang baik, dilihat dari tingkat akurasinya dan dimodelkan dalam bentuk Tabel 5.1 untuk perhitungan dan perbandingan Algoritma *Random Forest* dengan Algoritma *Logistic Regression*, *K-Nearest Neighbor*, dan *Naïve Bayes* dengan menggunakan *Independent Test* dan *Cross Validation*.

|  |  |  |  |
| --- | --- | --- | --- |
| **Hasil *Cross Validation*** | | | |
| ***Algorithm*** | ***Accuracy (%)*** | ***Recall (%)*** | ***Precision (%)*** |
| *Random Forest* | 100% | 100% | 100% |
| *K-Nearest Neighbor* | 84.29% | 82.00% | 83.00% |
| *Logistic Regression* | 97.58% | 97.00% | 97.00% |
| *Naïve Bayes* | 99.53% | 82.00% | 83.00% |

**Tabel 5.1 Hasil Komparasi Algoritma *Random Forest* dan Algoritma Pembanding Lainnya**

|  |  |  |  |
| --- | --- | --- | --- |
| **Hasil *Independent Dataset*** | | | |
| ***Algorithm*** | ***Accuracy (%)*** | ***Recall (%)*** | ***Precision (%)*** |
| *Random Forest* | 100% | 100% | 100% |
| *K-Nearest Neighbor* | 69.05% | 64.00% | 69.00% |
| *Logistic Regression* | 96.97% | 97.00% | 97.00% |
| *Naïve Bayes* | 69.70% | 70.00% | 74.00% |

**5.2 Saran**

Berdasarkan pembahasan dan analisis dari penelitian ini yang sudah kami tulis, diperoleh saran yang dapat berguna bagi peneliti selanjutnya seperti berikut.

1. Diharapkan untuk penelitian selanjutnya diberikan saran bahwa penggunaan Algoritma Random Forest sangat baik untuk digunakan pada dataset yang besar karena memiliki tingkat akurasi yang baik dibandingkan algoritma lainnya.
2. Diharapkan pada peneliti selanjutnya untuk mengimplementasi Algoritma *Random Forest* untuk *use case* yang berbeda.

DAFTAR PUSTAKA

[1] “Gejala Kanker Hati Stadium Awal (Harus Diwaspadai) - Dokter Sehat”, *Doktersehat.com*,2019. [Online]. Available: https://doktersehat.com/gejala-kanker-hati-stadium-awal/. [Accessed: 18- Apr-2020].

[2] Rena. K. Fox, “*Surveillance for Hepatocellular Carcinoma*” - ", *Hepatitis C Online*,31-May-2018. [Online]. Available: https://www.hepatitisc.uw.edu/go/evaluation-staging-monitoring/surveillance-hepatocellular-carcinoma/core-concept/all#page-title [Accessed: 21- Apr- 2020].

[3] Muslimah Derajatun Rizki, "PROFIL KEJADIAN KARSINOMA HEPATOSELULER

DI RUMAH SAKIT UMUM DAERAH Dr. MOEWARDI TAHUN 2017," [Online]. Available: http://repository.setiabudi.ac.id/253/2/Tugas%20Akhir%20Muslimah%20Derajatun%20Rizki.pdf [Accessed:14-May-2020].

[4] *Www21.ha.org.hk*,2019.[Online].

Available: https://www21.ha.org.hk/smartpatient/EM/MediaLibraries/EM/Diseases/Cancer/Liver%20Cancer/Cancer-Liver-Cancer-Indonesian.pdf?ext=.pdf. [Accessed: 21-Apr- 2020].

[5] "New Global Cancer Data: GLOBOCAN 2018 | UICC", *Uicc.org*, 2019. [Online]. Available: https://www.uicc.org/news/new-global-cancer-data-globocan-2018. [Accessed: 21- Apr- 2020].

[6] M. N. RP, Suharti, and H. Hardian, “DISTRIBUSI GEOGRAFIS DAN TINGKAT KEPARAHAN PASIEN KARSINOMA HEPATOSELULER ETIOLOGI VIRUS HEPATITIS B DI RS.DR KARIADI,” DIPONEGORO MEDICAL JOURNAL ( JURNAL KEDOKTERAN DIPONEGORO ), 01-Jan-1970. [Online]. Available: https://ejournal3.undip.ac.id/index.php/medico/article/view/15494. [Accessed: 14-May-2020].

[7] Makassarmetro.com, “Dosen FK Unhas Paparkan Hasil Penelitian Terbaru tentang Kanker Hati dan Malaria,” *Makassarmetro.com*, 15-Nov-2019. [Online]. Available: https://makassarmetro.com/2019/11/15/dosen-fk-unhas-paparkan-hasil-penelitian-terbaru-tentang-kanker-hati-dan-malaria. [Accessed: 24-Apr-2020].

[8] Bosetti C, "Hepatocellular carcinoma epidemiology. - PubMed - NCBI", *Ncbi.nlm.nih.gov*, 2019. [Online]. Available: https://www.ncbi.nlm.nih.gov/pubmed/25260306. [Accessed: 18-Apr-2020].

[9] K. Media, "Waspadai Kanker Hati", *KOMPAS.com*, 2019. [Online]. Available: https://nasional.kompas.com/read/2011/02/01/18410953/waspadai.kanker.hati. [Accessed: 18-Apr-2020].

[10] N. Azizah, *IMPLEMENTASI DAN ANALISA WAKTU KOMPUTASI PADA ALGORITMA RANDOM FOREST DENGAN PARALLEL COMPUTING DI R*. Universitas Pendidikan Indonesia, 2017.

[11] A. Jindal, A. Thadi, and K. Shailubhai, “Hepatocellular Carcinoma: Etiology and Current and Future Drugs,” *Journal of Clinical and Experimental Hepatology*, 25-Jan-2019. [Online]. Available: https://www.sciencedirect.com/science/article/pii/S0973688319300301. [Accessed: 10-Nov-2020].

[12] C. S. Sobur, “Diagnosis dan Pengobatan Kanker Hati atau Hepatocellular Carcinoma (HCC),” 22-Jun-2020. [Online]. Available: https://caiherang.com/hepatocellular-carcinoma-hcc/. [Accessed: 10-Nov-2020].

[13] “Google Colaboratory,” *Google*. [Online]. Available: https://colab.research.google.com/notebooks/welcome.ipynb?hl=id. [Accessed: 09-Nov-2020].

[14] “Google Colaboratory,” *Google*. [Online]. Available: https://colab.research.google.com/notebooks/welcome.ipynb?hl=id. [Accessed: 09-Nov-2020].

[15] Aditya Yanuar.R, “Random Forest,” *Universitas Gadjah Mada*, 28-Jul-2018. [Online]. Available: https://machinelearning.mipa.ugm.ac.id/2018/07/28/random-forest/. [Accessed: 09-Nov-2020].

[16] Sanjay.M, “Why and how to Cross Validate a Model?,” *Medium*, 19-Aug-2020. [Online]. Available: https://towardsdatascience.com/why-and-how-to-cross-validate-a-model-d6424b45261f. [Accessed: 10-Nov-2020].

[17] “Welcome to Python.org,” *Python.org*. [Online]. Available: https://www.python.org/about/. [Accessed: 10-Nov-2020].

[18] M. Rahman, D. Alamsah, M. Darmawidjadja, and I. Nurma, “Klasifikasi Untuk Diagnosa Diabetes Menggunakan Metode Bayesian Regularization Neural Network (RBNN),” *Jurnal Informatika*, vol. 11, no. 1, p. 36, 2017.

[19] "Sulit Dideteksi Dini, Kenali Ragam Gejala Kanker Hati", *suara.com*, 2019. [Online]. Available: https://www.suara.com/health/2019/03/26/141248/sulit-dideteksi-dini-kenali-ragam-gejala-kanker-hati?page=all. [Accessed: 13- Nov- 2019].

[20] R. Fitrianti, “ANALISIS DAN IMPLEMENTASI ENAM METODE MACHINE LEARNING PADA DATASET LIVER DISORDERS,” Academia.edu. [Online]. Available: https://www.academia.edu/37102691/ANALISIS\_DAN\_IMPLEMENTASI\_ENAM\_METODE\_MACHINE\_LEARNING\_PADA\_DATASET\_LIVER\_DISORDERS. [Accessed: 14-May-2020].

[21] "Prediction of hepatocellular carcinoma patient survival using machine learning classification rules. | Journal of Clinical Oncology", *Ascopubs.org*, 2019. [Online]. Available: https://ascopubs.org/doi/abs/10.1200/JCO.2019.37.15\_suppl.e15649. [Accessed: 18-Apr-2020].

[22] G.A. Sandag, N.E. Tedry, S. Lolong "Classification of Lower Back Pain Using K-Nearest Neighbor Algorithm". Cyber and IT Service Management (CITSM), Agustus 2018.

[16] Mayank Anggarwal, “Cross-Industry process for data mining” - ", *Medium*, 07-01-2018. [Online]. Available: <https://medium.com/@thecodingcookie/cross-industry-process-for-data-mining-286c407132d0> [Accessed: 14- Apr- 2020].

[23] "HCC dataset", *Kaggle.com*, 2019. [Online]. Available: https://www.kaggle.com/mrsantos/hcc-dataset. [Accessed: 20- Nov- 2019].

[24] R. S. Perdana, “Pengukuran Akurasi Menggunakan Precision dan Recall,” 14-Feb-2017. [Online]. Available: https://rizalespe.com/pengukuran-akurasi-menggunakan-precision-dan-recall-71c04988e6ab. [Accessed: 04-Dec-2020].

[25] H. Aliady, N. J. Tuasikal, and E. Widodo, “IMPLEMENTASI SUPPORT VECTOR MACHINE (SVM) DAN RANDOM FOREST PADA DIAGNOSIS KANKER PAYUDARA.” Seminar Nasional Teknologi Informasi dan Komunikasi 2018 (SENTIKA 2018), Yogyakarta, 23-Mar-2018.

[26] R. Rai, “Using fancyimpute in Python,” 22-Feb-2020. [Online]. Available: https://krrai77.medium.com/using-fancyimpute-in-python-eadcffece782. [Accessed: 09-Dec-2020].

[27] *Python math Module*. [Online]. Available: https://www.w3schools.com/python/module\_math.asp. [Accessed: 09-Dec-2020].

[28] “operator - Standard operators as functions¶,” *operator - Standard operators as functions - Python 3.9.1 documentation*. [Online]. Available: https://docs.python.org/3/library/operator.html. [Accessed: 09-Dec-2020].

[29] Y. A. Rohman, “Pengenalan NumPy, Pandas, Matplotlib,” *Medium*, 08-Dec-2019. [Online]. Available: https://medium.com/@yasirabd/pengenalan-numpy-pandas-matplotlib-b90bafd36c0. [Accessed: 09-Dec-2020].

[30] “statistical data visualization¶.” [Online]. Available: https://seaborn.pydata.org/. [Accessed: 09-Dec-2020].

[31] Sunil RayI am a Business Analytics and Intelligence professional with deep experience in the Indian Insurance industry. I have worked for various multi-national Insurance companies in last 7 years., “Cross Validation: Cross Validation In Python & R,” *Analytics Vidhya*, 31-May-2020. [Online]. Available: https://www.analyticsvidhya.com/blog/2018/05/improve-model-performance-cross-validation-in-python-r/. [Accessed: 09-Dec-2020].

[32] C. says: M. W. K. says: and B. Y. says: “Matplotlib Tutorial: Python Matplotlib Library with Examples,” *Edureka*, 25-Nov-2020. [Online]. Available: https://www.edureka.co/blog/python-matplotlib-tutorial/. [Accessed: 09-Dec-2020].

[33] “API Reference¶,” *scikit*. [Online]. Available: https://scikit-learn.org/stable/modules/classes.html. [Accessed: 09-Dec-2020].

[34] “sklearn.metrics.roc\_curve¶,” *scikit*. [Online]. Available: https://scikit-learn.org/stable/modules/generated/sklearn.metrics.roc\_curve.html. [Accessed: 09-Dec-2020].

[35] “sklearn.metrics.roc\_auc\_score¶,” *scikit*. [Online]. Available: https://scikit-learn.org/stable/modules/generated/sklearn.metrics.roc\_auc\_score.html. [Accessed: 09-Dec-2020].

[36] Written By Tri Nur Auliyaa Fulltime Assistant | Information System Laboratory, Tri Nur Auliyaa Fulltime Assistant | Information System Laboratory, T. N. Auliyaa, Fulltime Assistant | Information System Laboratory, and Name\*, “Binning Pada TIBCO Spotfire X.” [Online]. Available: https://sis.binus.ac.id/2019/09/05/binning-pada-tibco-spotfire-x/. [Accessed: 09-Dec-2020].

[37] *Adam Mukharil Bachtiar - Page 2*. [Online]. Available: http://komputa.if.unikom.ac.id/\_s/data/jurnal/volume-6.2/2.komputa-6.2-metode-cluestering-dian-adam-andre.pdf/index2.html. [Accessed: 09-Dec-2020].

[38] “Pengertian dan Jenis Prediksi, Ramalan (Forecasting) dan Implementasi,” *Official Website Initu.id*, 30-Jul-2018. [Online]. Available: https://initu.id/pengertian-dan-jenis-prediksi-ramalan-forecasting-dan-implementasi/. [Accessed: 09-Dec-2020].

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Judul Skripsi: Memprediksi Tingkat Kehidupan HCC Menggunakan Algoritma Random Forest

Dosen Pembimbing: Green A. Sandag, S.Kom M.S

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Uraian Konsultasi | Tanggal Konsultasi | Tanda Tangan Dosen | Tanggal Rencana Kembali |
| 1 | Konsultasi Pembuatan Skripsi 2 | 18 September 2020 |  | 25 September 2020 |
| 2 | Pembahasan Google Colaboratory untuk Skripsi | 25 September 2020 |  | 23 Oktober 2020 |
| 3 | Pembuatan Skripsi Menggunakan EDA di Google Colaboratory | 23 Oktober 2020 |  | 29 Oktober 2020 |
| 4 | Revisi Model Algoritma | 29 Oktober 2020 |  | 30 Oktober 2020 |
| 5 | Revisi Kembali Model Algoritma dan EDA | 30 Oktober 2020 |  | 02 November 2020 |
| 6 | Pembuatan Hasil Uji Algoritma | 02 November 2020 |  | 07 November 2020 |
| 7 | Revisi Hasil Uji Cross Validation | 07 November |  |  |

\*Kartu ini jangan dilipat, simpan dalam Map

\*Setiap pertemuan kartu ini di bawah serta

\*Kartu digunakan sampai dengan skripsi II