**Literature Survey**

**Team No** : PNT2022TMID18318

**College Name**: Sona College of Technology, Salem

**Department**: Computer Science And Engineering

**Team members**: Gokul Krishnan T(TL),Deepan Chandar R, Chereddy Bala Venkata Krishna

Reddy, Arla Venkat Royal.

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| **S.No** | **TITLE** | **PROPOSED** | **TOOLS USED/** | **TECHNOLOGY** | **ADVANTAGES/** |
|  |  | **WORK** | **ALGORITHM** |  | **DISADVANTAGES** |
|  |  |  |  |  |  |
|  | Revisiting traffic | In this paper Work |  |  | To assess which |
|  | forecasting by port | forecasting |  |  | statistical |
| 1 | authorities in the | ,strategic | Traffic forecasting | Data Analytics | methodologies they |
|  | context of port | planning,investment |  |  | rely on for performing |
|  | planning and | decision, port |  |  | their forecasts |
|  | development | authority |  |  |  |
|  | (2020) |  |  |  |  |
|  |  |  |  |  |  |
|  | Enhancing port | To utilize |  |  | To improve smart port |
|  | activities using | technology | Smart | Information and | activities,services and |
| 2 | information and | innovations for | port,seaport,smart | communications | port management |
|  | communication | enhancing port | port city,Computing | technology (ICT) |  |
|  | technology (2020) | activities and |  |  |  |
|  |  | services |  |  |  |
|  |  |  |  |  |  |

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| **S.No** | **TITLE** | **PROPOSED** | **TOOLS USED/** | **TECHNOL** | **ADVANTAGES** |
|  |  | **WORK** | **ALGORITHM** | **OGY** | **/** |
|  |  |  |  |  | **DISADVANTA** |
|  |  |  |  |  | **GES** |
|  |  |  |  |  |  |
|  | From historical | In this paper, a | Maritime traffic |  | The foundation to |
| 3 | positioning data to | method is | representation,marit |  | real-time |
|  | unsupervised maritime | proposed to | ime | Data science | automatic |
|  | traffic monitoring | automatically | surveillance,traffic |  | maritime traffic |
|  |  | produce | monitoring |  | monitoring,predic |
|  |  | synthetic |  |  | tion |
|  |  | maritime traffic. |  |  |  |
|  |  |  |  |  |  |
|  |  | In this paper we |  |  |  |
|  | Big data analytics and | will not delving | Data |  | The realization of |
|  | their use for decision | into technical | cleaning&scrubbing, | Big data | the importance of |
| 4 | making in port terminal | information and | good storage and | analytics | big data from the |
|  | and maritime companies | market research | management |  | business world |
|  |  | about the |  |  |  |
|  |  | potential use |  |  |  |
|  |  |  |  |  |  |

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| **S.No** | **TITLE** | **PROPOSED** | **TOOLS** | **TECHNOLO** | **ADVANTAGE** |
|  |  | **WORK** | **USED/** | **GY** | **S/** |
|  |  |  | **ALGORITH** |  | **DISADVANT** |
|  |  |  | **M** |  | **AGES** |
|  |  |  |  |  |  |
|  | Upcoming regulations and | In this paper the |  |  | To reduce the |
|  | future transformation of | big data covers | Volume scale of |  | emissions which |
| 5 | the shipping industry | information | data,Velocity | Big data analytics | will lead to a net |
|  |  | capturing,sorting | streaming of data |  | cost reduction |
|  |  | ,analysing and |  |  |  |
|  |  | managing data |  |  |  |
|  |  |  |  |  |  |
|  |  | In this paper port | Data |  | Discover new |
|  | Using advanced analytics | performance | cleaning,data |  | revenue |
| 6 | for port performance | measurement | mining,data | Data analytics | oppurtunities,im |
|  | management (2019) | models many | collection |  | prove customer |
|  |  | gaps have been |  |  | service |
|  |  | detected |  |  |  |
|  |  |  |  |  |  |

**THANK YOU**