

Solution Requirements

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| Team ID | PNT2022TMID14568 |
| Project Name | Visualizing and Predicting Heart Diseases with an Interactive Dashboard |
| Maximum Marks | 4 Marks |

- Heart disease describes a range of conditions that affect your heart. Diseases under the heart disease umbrella include blood vessel diseases, such as coronary artery disease, heart rhythm problems (arrhythmias) and heart defects you're born with (congenital heart defects), among others.
- About 610,000 people die of heart disease in the United States every year—that's 1 in every 4 deaths.¹
- Heart disease is the leading cause of death for both men and women. More than half of the deaths due to heart disease in 2009 were in men.¹
- Coronary Heart Disease (CHD) is the most common type of heart disease, killing over 370,000 people annually.
- Every year about 735,000 Americans have a heart attack. Of these, 525,000 are a first heart attack and 210,000 happen in people who have already had a heart attack.
- We use **IBM Cognos analytics** to create an interactive dashboard for visualizing and predicting heart disease.
- **IBM Cognos Analytics** integrates reporting, modeling, analysis, dashboards, stories, and event management so that you can understand your organization's data, and make effective business decisions.

Required tool: IBM Cognos Analytics

Technical Architecture:



