

**Verified**  
Certificate

**Harvard**X



**Rafael Irizarry**

Professor of Biostatistics

*Harvard T.H. Chan School of Public Health*

This is to certify that

**Juan Antonio Vivaldy Saragih**

successfully completed and received a passing grade in

**PH125.2x: Data Science: Visualization**

a course of study offered by HarvardX, an online learning  
initiative of Harvard University.



**Verified Certificate**  
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Certificate



A handwritten signature in black ink, appearing to read "Upkar Lidder".

**Upkar Lidder**  
Senior Software Engineer  
*IBM*

This is to certify that

**Juan Antonio Vivaldy Saragih**

successfully completed and received a passing grade in

**CAD201EN: Developing Cloud Native Applications**

a course of study offered by IBM, an online learning initiative of IBM.



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**Verified**  
Certificate



A handwritten signature in black ink, appearing to read "Upkar Lidder".

**Upkar Lidder**  
Senior Software Engineer  
*IBM*

This is to certify that

**Juan Antonio Vivaldy Saragih**

successfully completed and received a passing grade in

**CAD220EN: Developing Cloud Applications with  
Node.js and React**

a course of study offered by IBM, an online learning  
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A handwritten signature in black ink, appearing to read "Rav Ahuja".

**Rav Ahuja**

AI and Data Science Program Director

*IBM*

This is to certify that

**Juan Antonio Vivaldy Saragih**

successfully completed and received a passing grade in

**CC0101EN: Introduction to Cloud Computing**

a course of study offered by IBM, an online learning  
initiative of IBM.



**Verified Certificate**

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